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# RIDERSHIP AND SERVICE STATISTICS

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Operations Directorate

Planning Division

November 1990

Third Edition

9/11/343



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MBTA RIDERSHIP AND SERVICE STATISTICS  
NOVEMBER 1990

MOVING FORWARD

This document contains ridership and service data for all modes of transportation operated and/or funded by the MBTA. The purpose of the report is to provide Authority staff, consultants, other transit properties and interested members of the public with a summary of available data. These data are critical as input to decisions to allocate resources to maximize Customer Service.

"Moving Forward" is designed to provide the user with a "pot pourri" of interesting facts extracted from the information contained within the Ridership and Service Statistics Report. For example, information is highlighted on those Bus Routes and RTL, Green Line and Commuter Rail Stations with the highest daily ridership. Of course some information assumes some knowledge of the MBTA not specifically presented in the report. Also included are, noteworthy comparisons, useful summaries and details about the MBTA that might otherwise have been missed. Twenty-six (26) items presented on the following pages represent only a small sample of the analytics aided by this report and are offered to illustrate the many complexities of the MBTA operation. We hope you find this addition as interesting and informative as we found it to be.

A. The MBTA district includes 78 communities with a population of 2,608,638. In addition, the T provides service to 47 communities outside the district with a population of 1,457,630.

B. The top 15 bus routes carry 36 percent of all bus riders:

<u>Route</u>	<u>Ridership</u>	<u>Route</u>	<u>Ridership</u>
39	19,040	49	6,250
1	17,809	70	6,076
23	12,096	9	5,966
28	10,949	111	5,841
57	10,639	73	5,834
66	9,300	44	5,689
77	8,763	32	<u>5,536</u>
34	6,653		
		Total	136,441
		System Total	377,944

C. Nearly 38,000 riders use the major crosstown routes, these route are:

- 1 Harvard/Johnston Gate - Dudley Square (17,809)
- 8 Harbor Point/U Mass. - Kenmore Station (2,481)
- 8A Ruggles Station or Dudley - Kenmore Station (1,442)
- 47 Central Sq., Cambridge - Boston City Hospital Loop via Dudley Sq. and Longwood (3,297)
- 66 Harvard Sq. - Dudley via Allston and Brookline Village (9,300)
- 86 Sullivan Sq. - Cleveland Circle via Harvard Sq. (3,398)



D. Thirty-three percent of all bus riders travel along the following 10 major Bus Service Corridors shared by 20 different bus routes:

<u>Corridor</u>	<u>Community</u>	<u>Route</u>	<u>Ridership</u>
1. Centre St./S. Huntington Ave. Jamaica Plain		39	19,040
2. Blue Hill Ave.	Dorchester/Mattapan	28	10,949
		31	4,170
		29	<u>3,013</u>
			18,132
3. Massachusetts Ave.	Boston/Cambridge	1	17,809
4. Washington St.	Dorchester	23	12,096
5. Washington St./Cambridge St. Watertown/Newton/Brighton Brighton Ave.		57	10,639
6. Massachusetts Ave.	Cambridge/Arlington	77	8,763
		79	<u>1,601</u>
			10,364
7. Massachusetts Turnpike	Newton/Watertown/Brighton	304	3,826
		301	2,218
		305	1,438
		302	1,334
		300	<u>1,288</u>
			10,104
8. Meridian St.	Chelsea/E. Boston	116	4,233
		117	3,403
		112	<u>2,168</u>
			9,804
9. Harvard St.	Brookline/Boston	66	9,300
10. Mystic River Bridge	Chelsea/Boston	111	5,841
		426	<u>2,211</u>
			8,052
		TOTAL	125,340



E. MBTA Presidential Bus Service - Bus Routes 230 and 236 stop at the birthplace of our second (John Adams) and sixth (John Quincy Adams) Presidents on Franklin Street in Quincy. Bus Route 66 stops at the corner of Beale St. and Harvard St., Brookline, near the birthplace of John F. Kennedy, the thirty-fifth President. Also, Bus Routes 8 and 16 provide service for the JFK Library.

F. Speaking of Presidents, nearly every community has named a street after our first President, with four different Washington Streets in the City of Boston alone. Sixty-two MBTA bus routes traverse stretches of 13 different Washington Streets or Avenues providing service to 16 cities and towns in the MBTA district.

G. The doors on the rail cars, Red, Orange and Blue Lines, open over 250,000 times per weekday or over 82 million times per year.

H. Based on the fall 1990 schedule, the T schedules the following vehicles:

	<u>Active Fleet Size</u>	<u>A.M. Peak Vehicles</u>	<u>P.M. Peak Vehicles</u>
Bus	904	753	660
TT	38	23	22
Red	220	150	150
Orange	120	102	102
Green	225	133	131
Blue	70	60	60
Mattapan	12	6	6
<b>Total</b>	<b><u>1,589</u></b>	<b><u>1,227</u></b>	<b><u>1,131</u></b>

I. The average speeds on the rapid transit lines (including time at stops) are:

Red - Braintree	23.3 m.p.h.
Orange	20.2 m.p.h.
Red - Ashmont	19.2 m.p.h.
Blue	18.7 m.p.h.



J. The top ten rapid transit stations which are listed below account for 38 percent of all rapid transit boardings:

<u>Station</u>	<u>Average Weekday Ridership</u>
Downtown Crossing	32,865
Park Street	18,001
State Street	16,848
South Station	16,287
Government Center	14,922
Harvard	13,783
Copley	13,085
Back Bay/South End	12,546
Forest Hills	12,074
Maverick	<u>10,741</u>
Total Boardings	161,152

K. The fleet logs enough miles to travel to the moon and back twice a week or approximately 100 times a year.

L. The Rapid Transit stations with the highest volume of connecting bus trips and their associated routes are:

<u>Harvard Station</u>		<u>Quincy Station</u>			<u>Forest Hills Station</u>		
Route	Route	Route	Route	Route	Route	Route	Route
1	66	210	211	212	16	21	31
69	71	214	215	216	32	34	35
72	73	220	222	225	36	37	38
74	77	230	236	238	39	40	42
78	86	245			50	51	
96							
Daily trips <u>883</u>		Daily trips <u>470</u>			Daily trips <u>1,191</u>		

<u>Sullivan Station</u>		<u>Haymarket Station</u>			<u>Ruggles Station</u>		
Route	Route	Route	Route	Route	Route	Route	Route
86	89	6	92	93	8	15	19
90	91	111	325	326	22	23	28
92	93	352	353/4	400	29	42	43
95	101	426	440	441	44	45	47
104	105	442	450	455			
109							
Daily trips <u>532</u>		Daily trips <u>686</u>			Daily trips <u>959</u>		



M. The most active surface location is Dudley Station. Ridership activity is estimated as follows:

14,330 entered the station on a bus  
9,535 boarded buses  
7,140 alighted from buses  
16,725 were on buses leaving the station

On average, there are 1,158 bus trips per day through Dudley Station which means that there is approximately one bus per minute arriving or departing.

N. In 1983 the MBTA averaged 517,675 linked passenger trips per weekday for bus and rapid transit modes, and in 1990 the average was 605,300. This represents an increase of 16.9 percent over that eight-year period.

O. 23,185 passengers per day board Green Line vehicles at "B" Line stops, the most of all the Green Line Branches. The top ten Green Line surface stops:

<u>Line</u>	<u>Stop</u>	<u>Average Weekday Ridership</u>
E	Northeastern University	5,111
C	Coolidge Corner	3,232
D	Reservoir	3,096
D	Longwood	3,060
D	Brookline Village	2,924
B	BU East	2,390
D	Riverside	2,385
B	BU Central	2,376
E	Brigham Circle	2,184
E	Longwood/Hospitals	<u>2,054</u>
	Total	28,812

P. Twelve towns participate in the Suburban Transportation Program (STP). Bedford was the first one and started in May of 1976. Burlington was the latest addition and it started in November of 1988. The STP served 607,394 passengers in FY'90.

Q. Commuter Boat ridership has increased 128 percent since 1986.

FY'86	272,507
FY'90	620,596

R. THE RIDE is the Authority's paratransit program and is available in 44 of the 78 MBTA communities. In FY'90, THE RIDE provided 328,683 passenger trips. That's up 24 percent over 1989. On a daily basis THE RIDE averaged 1,049 trips per day in 1990 and 827 in 1989, up 27 percent.



S. Systemwide revenue mileage for 1989 was 47,856,600 miles, more than any year in the past two decades. The rapid transit revenue miles are responsible for the recent increase due to the introduction of 6-car trains in 1987.

T. Rapid transit and bus revenue has increased 22 percent since 1985. In 1985 fare revenue was \$104,542,748 and in 1990 fare revenue was \$127,492,124. Approximately 36 percent of all fare revenue generated comes from the Pass Program. The Subway and Combo passes make up 77.6 percent of all pass sales.

U. Commuter Rail revenue has increased 107 percent since 1985. In 1985 Commuter Rail fare revenue was \$16.1 million and in 1990 fare revenue was \$33.3 million. Commuter Rail ridership has increased 70 percent since 1985. In 1985 there were 11.3 million passengers, and in 1990 there were 19.2 million passengers. During this same time period, the average weekday ridership increased 73 percent, from 42,500 to 73,600 passengers per day. In 1990 52 percent of commuter rail ridership traveled from points north of Boston, while 48 percent traveled from points south of Boston.

The top ten Suburban Commuter Rail stations are:

<u>Station</u>	Average Weekday <u>Ridership</u>
Attleboro	1,813
Route 128	1,708
Mansfield	1,640
Beverly Depot	1,088
Canton Junction	1,046
Lowell	1,019
Sharon	1,002
Salem	960
Walpole	930
Norwood Central	866
TOTAL	12,073

V. On the Commuter Rail System there is an average of 372 weekday train trips, 162 weekend train trips and 73,600 commuter rail passengers per day. Fifty-four locomotives and 303 coaches provide service over the 490 miles of track.

W. The MBTA operates 28 bus routes exclusively with lift equipped buses. Lift bus routes allow passengers in wheelchairs to easily board or alight a bus, not practical on a conventional bus. Out of 101 Commuter Rail stations, 34 are handicap accessible. On the Rapid Transit Lines, 26 stations are handicap accessible out of 51 stations.



- X. The Commuter Rail system stretches 49.5 miles north to Fitchburg Station, 43.6 miles south to Providence Station, and 21.4 miles west to Framingham Station.
- Y. Parking revenue from transit and commuter rail lots has grown from \$1.9 million in FY'84 to \$3.2 million in FY'89, an increase of 68 percent. In FY'90 parking revenue nearly doubled to \$6.3 million due to the \$1 transit parking fee increase that took effect on November 1, 1989, and the new \$1 commuter rail parking fees that were implemented at 13 commuter rail lots from December 1989 to June 1990.
- Z. The six communities with the highest percent of their population using mass transit as reported by the 1980 Census are:

33.9	- Boston
27.9	- Somerville
27.6	- Cambridge
26.5	- Winthrop
26.1	- Brookline
20.6	- Arlington

We would like to acknowledge and thank staff from the Construction, Real Estate, Operations, Railroad Operations and Treasurer-Controller Directorates of the MBTA who cooperated in the preparation of this report.

In addition, the staff at the Central Transportation Planning Staff provided assistance in preparing some of the ridership data presented herein.

The Operations Directorate intends to update this report periodically in the future. Comments or suggestions about the format of the report would be appreciated. (Contact: Mr. Francis X. Clegg, Transit Planning Analyst in the Operations Directorate's Planning Division at 722-3430)



## SECTION I

# GENERAL STATISTICS AND COSTS



## MBTA Service Area: 78 Member Cities and Towns





78 CITIES AND TOWNS IN THE MBTA

ARLINGTON	HAMILTON	NATICK	STONEHAM
ASHLAND	HANOVER	NEEDHAM	SUDBURY
BEDFORD	HINGHAM	NEWTON	SWAMPSCOTT
BELMONT	HOLBROOK	NORFOLK	TOPSFIELD
BEVERLY	HULL	NORTH READING	WAKEFIELD
BOSTON	LEXINGTON	NORWELL	WALPOLE
BRAINTREE	LINCOLN	NORWOOD	WALTHAM
BROOKLINE	LYNN	PEABODY	WATERTOWN
BURLINGTON	LYNNFIELD	PEMBROKE	WAYLAND
CAMBRIDGE	MALDEN	QUINCY	WELLESLEY
CANTON	MANCHESTER	RANDOLPH	WENHAM
CHELSEA	MARBLEHEAD	READING	WESTON
COHASSET	MARSHFIELD	REVERE	WESTWOOD
CONCORD	MEDFIELD	ROCKLAND	WEYMOUTH
DANVERS	MEDFORD	SALEM	WILMINGTON
DEDHAM	MELROSE	SAUGUS	WINCHESTER
DOVER	MIDDLETOWN	SCITUATE	WINTHROP
DUXBURY	MILLIS	SHARON	WOBURN
EVERETT	MILTON	SHERBORN	
FRAMINGHAM	NAHANT	SOMERVILLE	



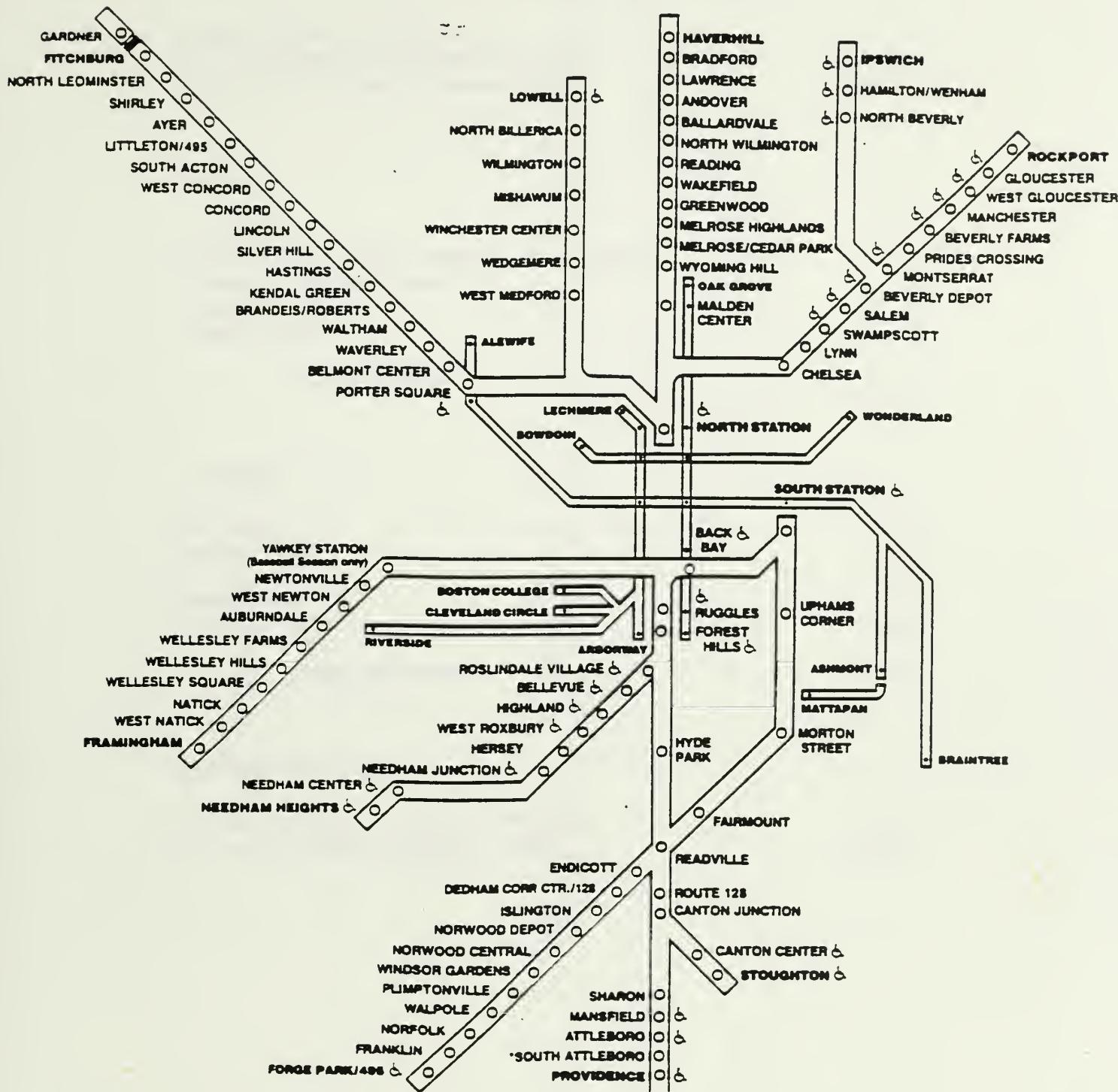


# MBTA Subway System





# COMMUTER RAIL



 Wheelchair Accessible  
 Station to Open  
 Bus Connection



## MBTA ROUTES, STATIONS AND STOPS

Member Cities and Towns	78
Size of Service Area Square Miles	1,038
Population of Service Area (1980)	2,608,638

### ROUTES

Bus	155
Rapid Transit (Red, Orange, Blue Lines)	3
Streetcar (Green Line)	5
Trackless Trolley	4
Commuter Rail	<u>9</u>
<b>TOTAL ROUTES</b>	<b>176</b>

### STATIONS

Red Line	22
Orange Line	19
Blue Line	12
Green Line	70
Commuter Rail	<u>101</u>
<b>TOTAL STATIONS</b>	<b>224</b>

### SHELTERS AND STOPS

Bus and Trackless Trolley Shelters	313
Bus and Trackless Trolley Stops	10,000



**NET COST OF SERVICE STATEMENT**

Line-Item Description	FY89 Actual	FY90 Actual	FY91 Projection	FY92 Request
<b>INCOME</b>				
1 Fare Revenue	\$114,533,053	\$127,492,124	\$127,850,000	\$131,348,500
2 Revenue from Other Operations	6,372,400	10,390,097	11,713,196	11,823,661
3 Non-Operating Income	5,387,873	11,085,869	3,208,935	5,372,167
4 Reimbursement for Fuel Taxes	491,260	522,982	0	0
5 Reimbursement from Outside the District	433,334	0	0	0
<b>6 TOTAL INCOME</b>	<b>\$127,217,920</b>	<b>\$149,491,072</b>	<b>\$142,772,131</b>	<b>\$148,544,328</b>
<b>OPERATING EXPENSES</b>				
7 Wages	\$215,698,228	\$229,870,569	\$247,142,329	\$248,618,953
8 Capital Credit-Administrative Cost	(1,835,568)	(1,873,398)	(1,107,080)	(1,107,080)
9 MBTA Pensions	33,394,341	36,695,249	39,114,921	39,482,312
10 Social Security Tax	18,539,080	20,113,479	21,317,098	21,400,334
11 Workers' Compensation	10,289,901	11,206,220	12,214,780	13,314,110
12 Accident and Sickness Insurance	460,325	423,384	512,782	512,782
13 Group Life Insurance	1,124,939	1,026,276	1,232,497	1,478,046
14 Group Health Insurance	36,107,366	38,739,873	43,940,353	49,980,563
15 Unemployment Insurance	700,000	888,000	700,000	700,000
16 Uniforms and Work Cloths	987,343	1,005,473	1,014,008	1,123,808
17 Capital Credit-Fringe Benefit Cost	(11,470,728)	(16,049,752)	(27,350,322)	(22,152,256)
<b>18 TOTAL WAGES AND FRINGE BENEFITS</b>	<b>303,995,227</b>	<b>322,044,373</b>	<b>338,731,366</b>	<b>353,351,572</b>
19 Materials, Services, Utilities and Other	59,354,336	65,542,108	70,620,569	73,375,142
20 Injuries and Damages	12,999,987	12,000,000	12,000,000	13,000,000
21 Interest on Unfunded Debt	14,735,100	18,626,113	20,658,950	24,084,075
22 Fuel and Traction Power	15,491,735	18,510,924	21,149,131	21,182,365
23 Fuel Taxes, Licenses and Tolls	1,086,445	1,113,830	1,560,907	1,859,470
24 Commuter Railroad Subsidy	50,539,444	55,227,248	59,986,783	63,373,146
25 Local Service Subsidy	12,733,861	12,911,746	14,344,551	15,188,500
<b>26 TOTAL OPERATING EXPENSES</b>	<b>\$470,936,135</b>	<b>\$505,976,342</b>	<b>\$539,052,257</b>	<b>\$565,414,270</b>
<b>FIXED CHARGES</b>				
27 Interest on Funded Debt-MTA	\$4,403,219	\$4,328,495	\$4,706,846	\$ 4,432,350
28 Interest on Funded Debt-MBTA	67,971,977	82,313,976	101,495,453	126,645,304
29 Principal on Funded Debt-MTA	2,559,259	2,498,926	2,855,759	3,524,255
30 Principal on Funded Debt-MBTA	29,315,000	33,621,623	39,088,485	51,602 110
31 Miscellaneous Debt Charges-MTA	44,850	45,266	94,000	64,625
32 Miscellaneous Debt Charges-MBTA	645,150	856,346	1,175,000	1,227,875
<b>33 TOTAL FIXED CHARGES</b>	<b>104,939,445</b>	<b>123,664,632</b>	<b>149,415,543</b>	<b>187,496,519</b>
<b>34 TOTAL OPERATING EXPENSES/FIXED CHARGES</b>	<b>575,875,590</b>	<b>629,640,974</b>	<b>688,467,800</b>	<b>752,910,789</b>
<b>35 COST SERVICE IN EXCESS OF INCOME</b>	<b>\$448,657,670</b>	<b>\$480,149,902</b>	<b>\$545,659,669</b>	<b>\$604,366,461</b>
<b>FINANCIAL ASSISTANCE</b>				
36 State Contract Assistance-MTA Debt	\$3,000,000	\$3,000,000	\$3,000,000	\$ 3,000,000
37 State Contract Assistance-MBTA Debt	86,623,717	102,297,043	123,986,202	166,064,106
38 State Contract Assistance-Railroad	9,025,616	9,441,745	10,700,000	11,728,812
39 Federal Operating Assistance	18,640,413	18,376,108	18,203,034	18,031,590
<b>40 TOTAL FINANCIAL ASSISTANCE</b>	<b>117,289,746</b>	<b>133,114,896</b>	<b>155,889,236</b>	<b>198,824,508</b>
<b>41 NET CO OF SERVICE</b>	<b>\$331,367,924</b>	<b>\$347,035,006</b>	<b>\$389,806,433</b>	<b>\$405,541,953</b>



## SECTION II

### RIDERSHIP STATISTICS (MBTA Operated Services)



MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

UNLINKED PASSENGER TRIPS

LINKED PASSENGER TRIPS

Period	Rapid Transit Lines		Surface Lines		Total System	
	Average Weekday	Monthly Total	Average Weekday	Monthly Total	Average Weekday	Monthly Total
per 12 fy90	427,300	12,179,000	443,800	12,648,400	608,100	17,331,500
per 11 fy90	406,900	9,359,100	444,000	10,213,000	590,500	13,581,400
per 10 fy90	435,500	9,798,000	463,400	10,427,500	625,700	14,077,500
per 9 fy90	414,900	11,929,300	449,700	12,927,600	600,500	17,263,200
per 8 fy90	436,800	9,828,900	473,800	10,659,400	632,400	14,227,900
per 7 fy90	395,900	8,313,100	426,700	8,961,600	571,700	12,004,900
Six-Period Summary	419,600	61,407,400	450,200	65,837,500	604,800	88,486,400
per 6 fy90	418,500	12,033,000	422,300	12,139,700	589,000	16,933,400
per 5 fy90	435,700	9,694,400	451,100	10,037,700	619,300	13,779,500
per 4 fy90	454,600	10,115,500	462,500	10,290,500	641,800	14,280,500
per 3 fy90	442,300	12,384,700	443,000	12,404,100	588,400	16,474,800
per 2 fy90	423,200	9,734,600	398,700	9,171,100	580,600	13,352,700
per 1 fy90	449,700	10,006,100	431,600	9,604,000	616,400	13,714,000
Six-Period Summary	437,400	63,968,300	434,900	63,647,100	605,900	88,534,900
FY 90 Annual	428,500	125,375,700	442,600	129,484,600	605,300	177,021,300
per 12 fy89	429,400	11,808,200	427,600	11,757,600	597,600	16,433,600
per 11 fy89	442,000	10,166,000	437,100	10,052,400	613,400	14,108,700
per 10 fy89	454,000	10,214,600	465,600	10,475,800	597,900	13,454,500
per 9 fy89	425,600	12,235,200	429,500	12,346,900	590,500	16,977,200
per 8 fy89	434,700	9,780,300	443,800	9,986,600	606,200	13,639,500
per 7 fy89	415,500	8,828,400	428,000	9,094,200	581,600	12,358,700
Six-Period Summary	433,533	63,032,700	438,600	63,713,500	597,867	86,972,200
per 6 fy89	411,600	12,040,000	404,300	11,826,400	564,700	16,516,600
per 5 fy89	483,800	10,523,600	487,400	10,600,800	664,400	14,450,700
per 4 fy89	461,800	10,275,000	462,700	10,294,800	638,800	14,213,900
per 3 fy89	439,800	12,314,100	439,800	12,313,400	607,900	17,020,200
per 2 fy89	419,600	9,650,200	396,800	9,127,200	566,600	13,031,900
per 1 fy89	427,500	9,939,400	410,800	9,550,100	581,100	13,510,000
Six-Period Summary	440,683	64,742,300	433,633	63,712,700	603,917	88,743,300
FY 89 Annual	437,108	127,775,000	436,117	127,426,200	600,892	175,715,500



per 12 fy88	423,300	11,430,000	421,400	11,378,100	584,000	15,768,400
per 11 fy88	429,500	9,878,500	441,400	10,151,000	600,600	13,814,000
per 10 fy88	431,600	9,712,000	445,500	10,025,000	604,800	13,607,500
per 9 fy88	418,800	12,040,500	431,000	12,392,500	586,100	16,849,200
per 8 fy88	427,400	9,617,000	447,800	10,075,000	602,700	13,561,600
per 7 fy88	410,000	9,328,500	432,800	9,846,500	580,100	13,197,900
<hr/>						
Six-Period Summary	423,433	62,006,500	436,650	63,868,100	593,050	86,798,599
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per 6 fy88	414,600	11,195,000	420,500	11,354,000	576,600	15,567,735
per 5 fy88	443,600	9,537,000	461,500	9,922,000	623,600	13,408,400
per 4 fy88	439,700	9,782,000	456,600	10,159,000	617,600	13,742,000
per 3 fy88	436,000	12,198,000	461,000	12,894,000	616,700	17,268,400
per 2 fy88	411,000	9,452,000	407,000	9,349,000	565,400	13,004,000
per 1 fy88	398,000	10,239,000	405,000	10,425,000	553,800	14,261,300
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Six-Period Summary	423,817	62,403,000	435,267	64,103,000	592,283	87,251,835
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FY 88 Annual	423,625	124,409,500	435,958	127,971,100	592,667	174,050,434
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per 12 fy87	416,000	12,480,000	442,000	13,256,000	590,200	17,705,000
per 11 fy87	406,000	9,341,000	447,000	10,270,000	585,000	13,456,000
per 10 fy87	416,000	9,363,000	444,000	9,989,000	591,500	13,309,400
per 9 fy87	401,300	11,537,000	441,000	12,680,000	578,000	16,616,500
per 8 fy87	412,500	9,280,000	463,000	10,419,000	599,800	13,495,200
per 7 fy87	384,400	6,919,500	424,900	7,648,500	555,100	9,992,000
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Six-Period Summary	406,033	58,920,500	443,650	64,262,500	583,267	84,574,100
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per 6 fy87	387,300	12,199,000	425,100	13,390,000	557,500	17,559,800
per 5 fy87	414,500	9,016,000	469,200	10,205,000	605,000	13,159,000
per 4 fy87	418,300	9,307,000	471,700	10,495,000	609,500	13,561,300
per 3 fy87	401,000	11,228,000	448,200	12,550,000	582,000	16,294,800
per 2 fy87	395,100	9,087,000	416,600	9,581,000	558,700	12,849,800
per 1 fy87	366,100	7,781,000	387,200	8,228,000	518,500	11,017,100
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Six-Period Summary	397,050	58,618,000	436,333	64,449,000	571,867	84,441,800
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FY 87 Annual	401,542	117,538,500	439,992	128,711,500	577,567	169,015,900



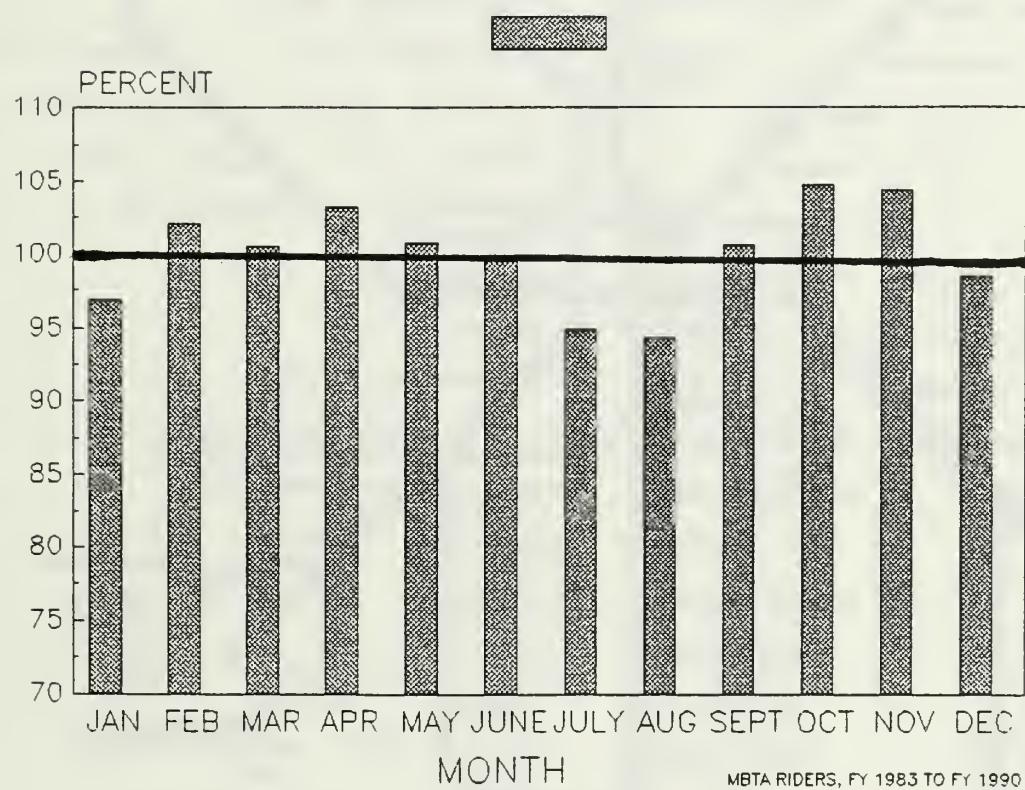
per 12 fy86	391,600	10,675,000	436,200	11,904,000	563,800	16,489,800
per 11 fy86	365,100	8,396,000	443,100	10,191,000	550,400	12,658,300
per 10 fy86	393,000	8,892,300	464,100	10,442,900	584,900	13,160,900
per 9 fy86	372,800	10,819,300	448,900	12,757,700	559,700	16,091,600
per 8 fy86	375,800	8,455,700	446,100	10,037,900	560,700	12,615,700
per 7 fy86	365,900	6,952,600	433,800	8,243,200	545,600	10,367,000
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Six-Period Summary	377,367	54,190,900	445,367	63,576,700	560,850	81,383,300
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per 6 fy86	391,600	10,675,000	436,200	11,904,000	567,500	17,023,700
per 5 fy86	393,000	8,848,000	456,000	10,260,000	580,300	13,057,800
per 4 fy86	395,000	8,789,000	460,000	10,230,000	584,000	12,993,700
per 3 fy86	373,100	10,447,000	436,700	12,227,500	553,000	15,484,500
per 2 fy86	363,900	8,368,900	405,400	9,324,600	527,300	12,128,200
per 1 fy86	365,000	7,847,000	408,000	8,776,000	529,800	11,391,200
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Six-Period Summary	380,267	54,974,900	433,717	62,722,100	556,983	82,079,100
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FY 86 Annual	378,817	109,165,800	439,542	126,298,800	558,917	163,462,400
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per 12 fy85	375,000	10,783,000	430,500	12,378,000	551,000	15,840,500
per 11 fy85	366,200	8,423,000	439,200	10,101,000	549,000	12,626,400
per 10 fy85	386,000	8,686,000	453,300	10,201,000	573,100	12,894,600
per 9 fy85	372,700	10,714,000	448,900	12,907,000	559,900	16,095,800
per 8 fy85	373,000	8,392,200	459,600	10,340,100	566,300	12,742,400
per 7 fy85	347,100	7,723,500	422,000	9,380,800	529,400	11,647,700
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Six-Period Summary	370,000	54,721,700	442,250	65,307,900	554,783	81,847,400
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per 6 fy85	371,400	10,400,000	448,200	12,550,000	576,800	16,583,400
per 5 fy85	368,500	8,014,000	461,000	10,029,000	563,600	12,258,600
per 4 fy85	366,800	8,253,000	462,200	10,400,000	571,600	12,718,700
per 3 fy85	366,000	10,270,000	457,000	12,818,000	563,500	15,779,400
per 2 fy85	337,500	7,762,000	406,000	9,338,000	513,500	11,811,400
per 1 fy85	347,100	7,549,000	411,800	8,957,000	528,100	11,485,500
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Six-Period Summary	359,550	52,248,000	441,033	64,092,000	552,850	80,637,000
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FY 85 Annual	364,775	106,969,700	441,642	129,399,900	553,817	162,484,400



per 12 fy84	338,500	9,478,000	433,200	12,130,000	534,800	14,974,900
per 11 fy84	339,300	7,805,000	445,300	10,243,000	546,200	12,563,300
per 10 fy84	357,500	8,044,000	445,100	10,014,000	560,900	12,620,200
per 9 fy84	344,000	9,891,000	434,200	12,483,000	543,300	15,621,100
per 8 fy84	339,900	7,647,200	477,200	9,884,200	539,400	12,137,500
per 7 fy84	333,300	7,416,000	472,200	9,670,000	531,300	11,821,000
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Six-Period Summary	342,083	50,281,200	451,200	64,424,200	542,650	79,738,000
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per 6 fy84	340,200	9,526,000	456,000	12,768,000	527,900	14,780,600
per 5 fy84	348,300	7,489,000	486,100	10,451,000	551,100	11,848,700
per 4 fy84	348,600	7,756,000	481,800	10,719,100	556,200	12,375,000
per 3 fy84	336,000	9,409,000	462,200	12,939,000	534,700	14,972,400
per 2 fy84	316,700	7,284,000	417,300	9,599,000	497,000	11,430,200
per 1 fy84	316,000	6,951,000	428,200	9,420,000	504,900	11,613,500
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Six-Period Summary	334,300	48,415,000	455,267	65,896,100	528,633	77,020,400
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FY 84 Annual	338,192	98,696,200	453,233	130,320,300	535,642	156,758,400
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per 12 fy83	311,700	8,634,000	435,600	12,067,000	508,200	13,568,700
per 11 fy83	325,800	7,429,000	466,000	10,652,000	540,600	12,325,600
per 10 fy83	334,400	7,523,000	473,900	10,662,000	551,600	12,410,000
per 9 fy83	320,600	9,136,000	455,500	12,982,000	526,800	15,014,200
per 8 fy83	329,600	7,416,000	474,500	10,677,000	530,200	11,929,200
per 7 fy83	306,200	7,135,000	441,000	10,275,000	501,500	11,684,200
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Six-Period Summary	321,383	47,273,000	457,750	67,315,000	526,483	76,931,900
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per 6 fy83	340,700	9,268,000	395,300	10,751,000	508,800	14,244,600
per 5 fy83	344,200	7,400,000	409,300	8,799,000	535,500	11,513,100
per 4 fy83	334,700	7,698,000	401,800	9,242,000	539,800	12,011,500
per 3 fy83	338,800	9,385,000	407,700	11,294,000	521,100	14,590,900
per 2 fy83	316,000	7,201,000	354,000	8,080,000	470,900	10,830,400
per 1 fy83	315,800	6,948,000	359,000	7,897,000	477,100	10,496,800
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Six-Period Summary	331,700	47,900,000	387,850	56,063,000	508,867	73,687,300
<hr/>						
FY 83 Annual	326,542	95,173,000	422,800	123,378,000	517,675	150,619,200



## TYPICAL MONTHLY VARIATION IN DAILY TRANSIT RIDERSHIP





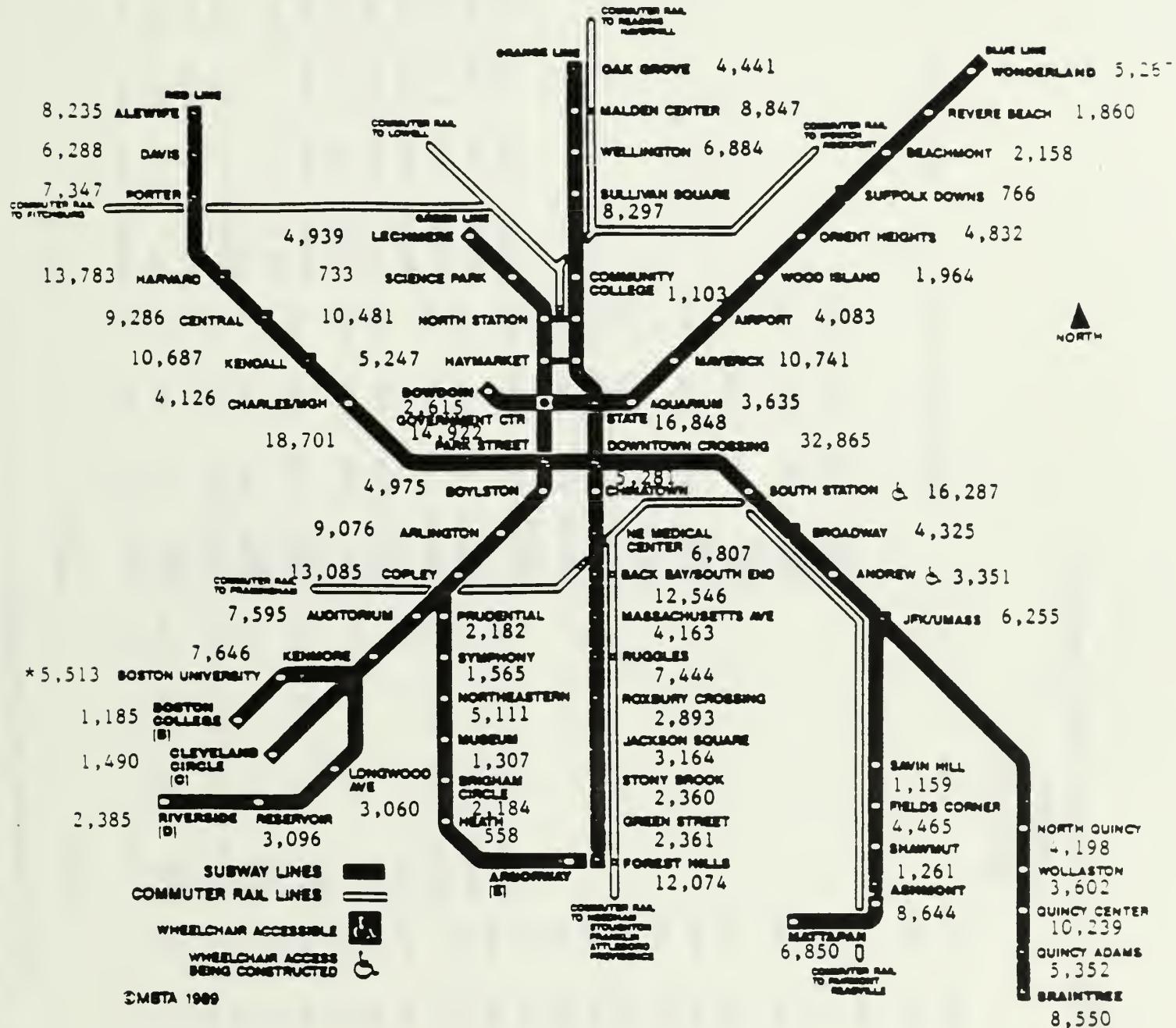
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY  
OPERATIONS DIRECTORATE



MBTA Subway System

PASSENGERS COUNTED ENTERING STATIONS

April 1990



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\* Total represents BU West, BU Central, and BU East Stations.



TYPICAL DAY BOARDING COUNTS FOR THE PAST THREE YEARS

RED LINE	BLUE LINE			ORANGE LINE			GREEN LINE		
	88	89	90	88	89	90	88	89	90
ALEWIFE	8,708	8,927	8,235	WONDERLAND	5,863	6,562	5,267	OAK GROVE	4,483
DAVIS	6,565	7,228	6,284	REVERE BEACH	1,836	1,977	1,860	MALDEN CENTER	7,327
PORTER	7,749	6,036	7,347	BEDFORD	2,320	2,297	2,158	WELLINGTON	5,389
HARVARD	16,525	19,458	13,783	SUFFOLK DOWNS	1,674	952	766	SULLIVAN SQUARE	7,567
CENTRAL	8,338	7,719	9,286	ORIENT HEIGHTS	4,054	4,050	4,032	COMMUNITY COLLEGE	2,752
KENDALL	6,700	5,830	10,697	WOOD ISLAND	1,896	2,040	1,964	STATE	14,645
CHARLES	3,346	3,031	4,126	POWERRICK	9,420	9,460	10,741	CHINATOWN	3,989
PARK ST.	2,537	1,599	1,701	AQUARIUM	2,982	3,723	3,635	NE MEDICAL CENTER	4,287
DOWNTOWN CROSSING	3,851	1,325	3,897	BROADBURN	3,781	4,125	4,083	BACK/BAY	10,700
SOUTH	13,000	12,064	16,287	ANDREW	4,023	3,351	2,226	SOUTH END	16,868
BROADWAY	2,229	3,556	4,325	SARVIN HILL	5,564	6,255	5,837	MASS. AVE	4,765
JFK/UPTOWN	3,700	5,564	6,255	FIELDS CORN	1,919	1,368	1,159	ROBBLES	6,789
SHAWMUT	3,639	1,253	1,261	ASHMONT	7,850	8,644	8,644	ROXBURY CROSSING	2,338
NORTH QUINCY	6,299	6,157	4,198	MULLASTON	3,953	4,040	3,682	JACKSON SOURCE	4,988
QUINCY ADAMS	3,400	4,502	5,352	QUINCY CENTER	9,473	6,150	10,239	STONY BROOK	2,625
BRAINTREE	7,500	7,371	6,550	QUINCY ADAMS	134,986	129,386	143,038	GREEN STREET	2,420
TOTALS	134,986	129,386	143,038		35,962	37,247	37,921	FOREST HILLS	13,094
									12,074

1988 TOTAL 370436  
1989 TOTAL 387148  
1990 TOTAL 414153  
PERCENT CHANGE 9.44%

NOTE: TYPICAL DAY BOARDING COUNTS WERE OBSERVED DURING THE MONTHS OF APRIL AND MAY  
THE PAST THREE YEARS



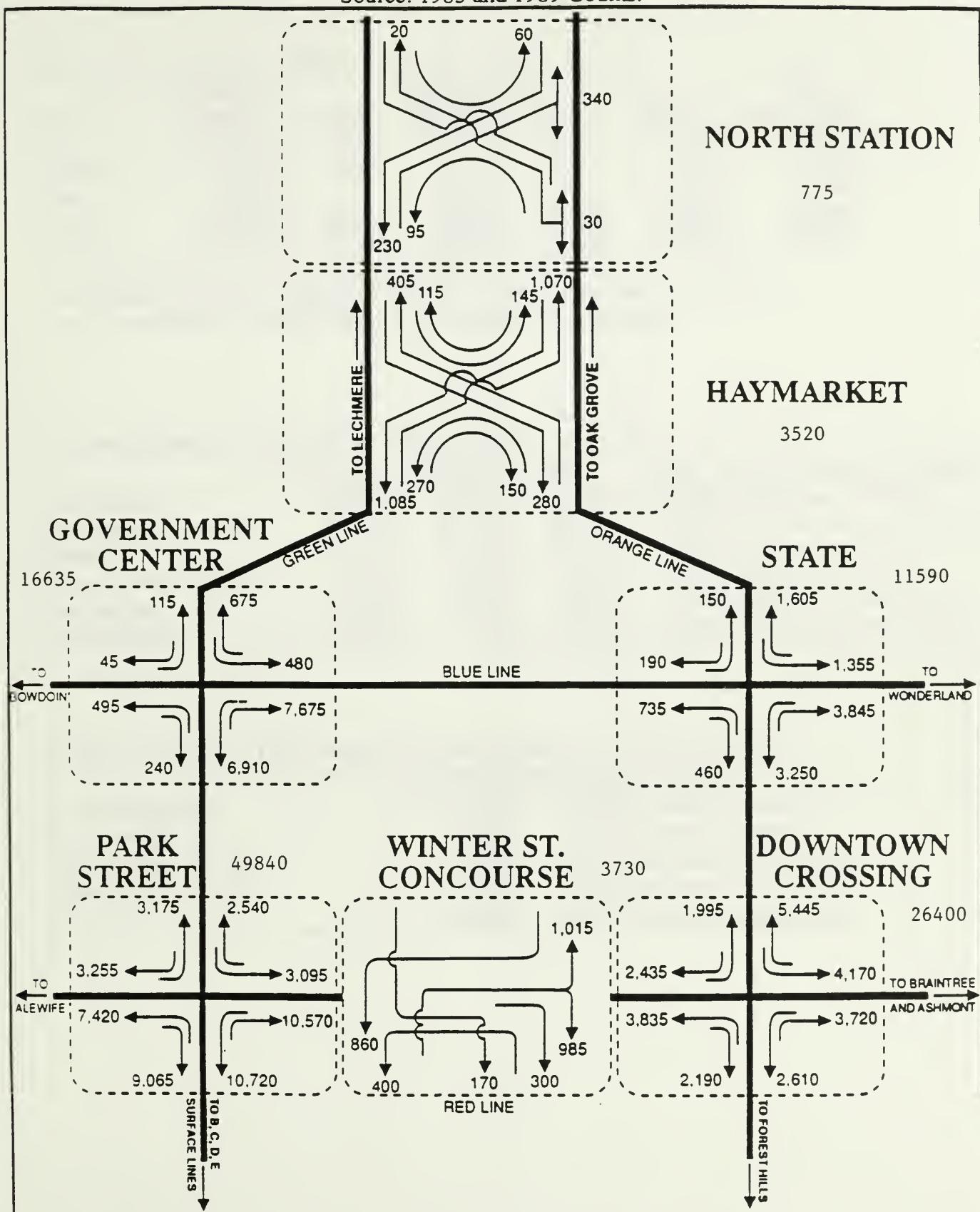
### MBTA Rapid Transit Peak Load Point Line Volumes

The following calculations of peak period (two-hour) and peak hour rapid transit line volumes are based on detailed passenger boarding and alighting counts conducted at Red, Orange and Blue Line stations by the Central Transportation Planning Staff for the MBTA during the Spring of 1989. All counts were done before implementation of rapid transit fare increases.

Route	Peak Load Point	Peak Period Volume	Peak Hour Volume
<b>RED LINE SOUTH</b>			
Inbound	Andrew-Broadway	(7:00-9:00 am)	(7:45-8:45 am)
Braintree trains		11,282	5,417
Ashmont trains		6,244	3,715
<b>Total</b>		<b>17,526</b>	<b>9,132</b>
Outbound	So. Sta. - Broadway	(4:00-6:00 pm)	(4:30-5:30 pm)
Braintree trains		9,002	6,098
Ashmont trains		6,010	3,184
<b>Total</b>		<b>15,012</b>	<b>9,282</b>
<b>RED LINE NORTH</b>			
Inbound	Central - Kendall	(7:00-9:00 am)	(7:45-8:45 am)
		12,178	8,230
Outbound	Kendall - Central	(4:30-6:30 pm)	(5:00-6:00 pm)
		11,670	6,996
<b>BLUE LINE</b>			
Inbound	Maverick - Aquarium	(7:00-9:00 am)	(7:45-8:45 am)
		11,223	6,389
Outbound	Aquarium - Maverick	(4:00-6:00 pm)	(4:45-5:45 pm)
		9,399	5,816
<b>ORANGE LINE NORTH</b>			
Inbound	No. Sta. - Haymarket	(7:00-9:00 am)	(8:00-9:00 am)
		13,618	7,379
Outbound	Haymarket - No. Sta.	(4:00-6:00 pm)	(4:45-5:45 pm)
		11,757	7,318
<b>ORANGE LINE SOUTHWEST</b>			
Inbound	Back Bay - NE Med Ctr	(7:00-9:00 am)	(7:45-8:45 am)
		12,726	7,162
Outbound	NE Med Ctr - Back Bay	(4:00-6:00 pm)	(4:45-5:45 pm)
		9,933	6,016



Figure 1  
 MBTA Rapid Transit Downtown Transfer Station Transfers by Initial and Final Route and Direction,  
 7:00 AM - 9:00 PM.  
 Source: 1985 and 1989 Counts.





## Boardings by Line

Line	Entering Stations	Transfers from				Total Boardings
		Red	Orange	Blue	Green	
Red	152,000	6,000	14,000	--	24,000	196,000
Orange	112,500	12,500	--	5,500	4,000	134,500
Blue	39,500	--	6,000	--	9,000	54,500
Green*	143,000	25,500	3,500	8,000	13,000	193,000
<b>TOTAL</b>	<b>447,000</b>	<b>44,000</b>	<b>23,500</b>	<b>13,500</b>	<b>50,000</b>	<b>578,000</b>

\* Note that Green Line Boardings do not include Passengers on Arborway replacement bus route (#39) who do not use the Green Line.

## Downtown Transfer Stations

	Enter	Transfer	Exit	Total	Dist. of Entering Passengers
Park Street	24,496	53,570	26,900	104,966	(59% Green, 42% Red)
Downtown Crossing	25,325	30,130	26,525	81,980	(51% Red, 49% Org, 1% Grn)
State	17,545	11,590	21,395	50,530	(69% Orange, 31% Blue)
Government Center	12,337	16,635	13,792	42,764	(92% Green, 18% Blue)
Haymarket	7,359	3,520	6,865	17,744	(62% Orange, 38% Green)
North Station	12,550	775	12,500	25,825	(62% Orange, 38% Green)

## Peak Hour Volumes at Maximum Load Point

	AM Peak	PM Peak	Location
Red Line (South)	9530	9175	Broadway-Andrew
Red Line (North)	7370	6700	Kendall-Central
Orange Line (South)	7685	6365	NE Med Ctr-Back Bay
Orange Line (North)	8375	7520	Haymarket-North Sta
Blue Line	6305	5955	Maverick-Aquarium



## System Statistics

Service	Estimated Weekday Boardings	Rapid Transit/ Light Rail	
		Peak Headway	Peak Hour Capacity
Red Line	189,000	4"	14,000
Orange Line	134,000	5"	11,000
Blue Line	54,000	3"	8,800
Green Line Subway	127,000	1:20"	11,700
Surface	66,000		
Mattapan*	7,000		
Arboretum Bus Route #39 **	19,040		
Bus/Trackless Trolley	340,000		

\* Ridership presented separately but should be included in either Red or Green Line

\*\* Ridership presented separately but should be included in either Green Line or Bus



# GREEN LINE

## Stations/Stops

10 Central Subway
3 Elevated/At Grade
22 B Boston College (Comm. Ave. surface)
13 C Cleveland Circle (Beacon St. surface)
13 D Riverside (Highland Branch)
8 E Heath Street (Huntington Ave. surface)
<u>15 E Arborway currently inactive</u>
84 TOTAL

## Service

	Scheduled Trips	
	Cars	Trains
B	289	183
C	251	177
D	300	217
E	218	134
Total	1058	711

## Peak Hour

– 130 cars in service
– 90 cars per hour in subway
– 45 trains per hour (every 1:20)
– Capacity = 12,000 passenger/hr

Approximately 215,000 passengers board the Green Line each day (including approx. 19,000 passengers on Arborway replacement bus #39)
--

## Major Stations

	Entering to Green	Transfer to Green	Transfer from Grn	Exiting from Grn	Total Grn. Activity
Park St	14,000	26,500	26,500	16,500	83,500
Govt Ctr	10,000	8,000	9,000	11,500	38,500



GREEN LINE SURFACE BOARDINGS

<u>Station</u>	<u>Weekday</u> <u>Boardings</u>
<b>B Line</b>	
Boston College	1,185
Lake (Grey Clf.)	106
South	298
Chestnut Hill	725
Chiswick	789
Sutherland St.	932
Mt. Hood	279
Washington	1,372
Summit Avenue	477
Warren	1,239
Allston	1,111
Griggs St.	1,040
Harvard Avenue	1,893
Fordham Road	920
Brighton Ave.	1,173
Babcock	1,225
Pleasant	740
St. Paul	490
BU West	747
BU Central	2,376
BU East	2,390
Blandford	1,738
<b>TOTAL B LINE</b>	<b>23,245</b>
<b>C Line</b>	
Cleveland Circle	1,490
Englewood Avenue	562
Dean Road	298
Tappan	827
Washington	947
Fairbanks	435
Brandon Hall	339
Winchester St.	815
Coolidge Corner	3,232
St. Paul	784
Kent	451
Hawes	374
St. Mary's	1,870
<b>TOTAL C LINE</b>	<b>12,424</b>



D Line	Riverside	2,385
	Woodland	1,591
	Waban	497
	Eliot	596
	Newton Highlands	1,835
	Newton Center	1,373
	Chestnut Hill	1,167
	Reservoir	3,096
	Beaconsfield	996
	Brookline Hills	1,466
	Brookline Village	2,924
	Longwood	2,054
	Fenway Park	1,776
	<b>TOTAL D LINE</b>	<b>21,726</b>

E Line	Heath St./VA Hospital	558
	So. Huntington Ave	203
	Mission Park/Parker Hill	293
	Brigham Circle	2,184
	Longwood/Hospitals	3,060
	Ruggles/Museum	1,307
	Northeastern	5,111

	<b>TOTAL E LINE</b>	<b>12,716</b>
	<b>TOTAL SURFACE GREEN LINE</b>	<b>70,111</b>

#### MATTAPAN HIGH SPEED LINE

	Mattapan Station	2,197
	Capen	77
	Milton	251
	Valley Road	103
	Central Avenue	808
	Butler	196
	Cedar Grove	140
	Ashmont Station	3,071
	<b>TOTAL MATTAPAN HIGH SPEED LINE</b>	<b>6,843</b>



## BUS RIDERSHIP

Route #	Route Name	Typical Weekday Boardings
1	Harvard/Johnston Gate-Dudley Square	17,809
3	Boston Marine Industrial Park-Chinatown	300
5	City Point-McCormack Housing	309
6	Boston Marine Ind. Park-Haymarket & South Station	942
7	City Point-Downtown via Northern Avenue	2,097
8	Harbor Point/U Mass Kenmore Station	2,481
8A	Ruggles Station or Dudley-Kenmore Station	1,442
9	City Point-Copley Square via Broadway	5,966
10	City Point-Copley Square via Andrew Station & Southampton	2,164
11	City Point-Downtown	5,325
14	Roslindale Sq.-Dudley Sq./Blue Hill Ave./Amer. Legion Hwy.	505
15	Kane Square or Fields Corner-Ruggles via Uphams Corner	5,421
16	Forest Hills-JFK Sta./U.Mass via Franklin Park Zoo	2,156
17	Fields Corner-JFK or Ruggles Sta. via Geneva Avenue	4,318
18	Ashmont-Broadway via Dorchester Ave., Fields Cnr., Savin Hill	767
19	Fields Corner-Ruggles via Warren Street & Grove Hall	1,254
20	Fields Corner-Neponset & Adams Belt Line	2,144
21	Ashmont-Forest Hills via Morton Street	3,179
22	Ashmont-Ruggles Station via Talbot Avenue & Jackson Square	4,700
23	Ashmont-Ruggles Station via Washington	12,096
24	Wakefield Avenue-Mattapan	1,520
26	Ashmont-Norfolk & Morton Belt Line	1,397
27	Mattapan-Ashmont via River Street	590
28	Mattapan-Ruggles Station via Dudley Square	10,949
29	Wellington Hill-Ruggles Station via Jackson Square Station	3,013
30	Mattapan-Roslindale Square via Cummins Highway	2,163
31	Mattapan-Forest Hills via Morton Street	4,170
32	Wolcott Sq.-Forest Hills via Cleary Sq./Hyde Park Ave.	5,536
33	Dedham Line-Mattapan via River Street	737
34	Walpole Ctr.-Forest Hills via Washington Street	6,653
35	Dedham Mall/Stimson-Forest Hills Station via Belgrade	2,360
36	Charles River-Forest Hills	2,849
37	Baker & Vermont-Forest Hills Station via Center Street	1,519
38	Wren Street-Forest Hills Station	980
39	Forest Hills Station-Copley Station via Huntington Avenue	19,040*
40	Georgetowne-Forest Hills Sta. via W. Boundary Rd./Wash. St.	1,007
41	Centre & Eliot Sts.-Dudley via Centre Street	1,421
42	Forest Hills-Ruggles Station via Wash St. & Dudley Square	2,157
43	Ruggles Station-Park & Tremont Sts. via Tremont St.	3,637
44	Jackson Sq. Station Ruggles via Seaver St. & Humboldt Ave.	5,689
45	Franklin Park Zoo-Ruggles via Blue Hill Avenue	4,618
46	Heath Street & South Huntington Ave.-Dudley Square	640
47	Central Sq.. Cambridge-Boston City Hospital loop via Dudley Sq. & Longwood	3,297
48	Centre & Eliot Sts./J. P. Loop via Jackson Sq./Green St.	273
49	Dudley Square-Downtown	6,250
50	Cleary Square-Forest Hills Sta. via Roslindale Square	1,135



Route #	Route Name	Typical Weekday Boardings
51	Cleveland Circle-Forest Hills Station via Hancock Village	1,961
52	Dedham Mall/Charles River-Watertown Square via Oak Hill	728
53	Roberts-Newton Corner via Central Square, Waltham	833
54	Waverly Sq.-Newton Corner via Central Square, Waltham	654
55	Queensberry-Copley Sq./Park & Tremont Sts. via Ipswich	1,238
56	Waltham Highlands-Newton Corner	583
57	Watertown Sq.-Kenmore via Newton Corner & Brighton Center	10,639
58	Auburndale-Newton Corner via Bemis	330
59	Needham Junction-Watertown Square via Newtonville	1,300
60	Chestnut Hill-Kenmore via Brookline Village & Cypress	2,373
62	Bedford V.A. Hospital-Alewife Station via Lexington Center	1,183
64	Oak Square-Central Sq., Cambridge via North Beacon St.	1,850
65	Brighton Ctr.-Kenmore via Wash. St., Brookline Village	1,899
66	Harvard Sq.-Dudley via Allston & Brookline Village	9,300
67	Alewife Sta.-Alewife Sta. via Turkey Hill Reservation	430
69	Harvard/Johnston Gate-Lechmere via Cambridge Street	3,647
70	Cedarwood-Central Sq./Cambridge via Watertown Square	6,076
71	Watertown Square-Harvard Station via Mt. Auburn Street	5,396
72	Huron Avenue-Harvard Station via Concord Avenue	1,281
73	Waverley Square-Harvard Station via Trapelo Road	5,834
74	Belmont Center-Harvard Station via Concord Avenue	1,800
76	Hanscom Air Base-Alewife Station via Lexington Center	755
77	Arlington Hts.-Harvard Station via Massachusetts Ave.	7,647
77A	North Cambridge-Harvard Station Local	1,116
78	Arlmont Village-Harvard Station via Park Circle	1,924
79	Arlington Heights-Alewife Station via Massachusetts Avenue	1,601
80	Arlington Center-Lechmere via Medford Hillside	3,546
83	Ridge Ave.-Central Sq., Cambridge via Porter Sq. Station	2,324
84	Arlmont Village-Alewife Station or Harvard Station	197
85	Spring Hill-Camb. Ctr./MIT via Summer St. & Union Sq.	449
86	Sullivan Station-Cleveland Circle via Harvard/Johnston Gate	3,398
87	Arlington Ctr./Clarendon Hill-Lechmere via Somerville	3,694
88	Clarendon Hill-Lechmere via Highland Avenue	3,792
89	Clarendon Hill-Sullivan Square via Broadway	4,630
90	Davis Square-Wellington via Sullivan & Assembly Mall	910
91	Sullivan Sq.-Central Sq./Cambridge via Washington St.	2,339
92	Assembly Sq. Mall-Downtown via Main St., Sullivan/Haymarket	1,902
93	Sullivan-Downtown via Bunker Hill Street & Haymarket	4,336
94	Medford Sq.-Davis Sq. via W. Medford & Medford Hillside	1,591
95	West Medford-Sullivan Square via Mystic Avenue	1,732
96	Medford Sq.-Harvard Station via George St. & Davis Sq.	2,517
97	Malden-Wellington via Commercial and Hancock Streets	686
99	Upper Highland Avenue-Wellington via Main Street	1,724
100	Elm Street-Wellington via Fellsway	1,270
101	Malden Sta.-Sullivan Sq. via Salem St, Main St, Broadway	4,269



Route #	Route Name	Typical Weekday Boardings
104	Malden Station-Sullivan Square via Ferry Street	3,208
105	Malden Station-Sullivan Square via Faulkner & Main Sts.	889
106	Lebanon Street, Malden-Wellington via Main Street	2,198
108	Linden Square-Wellington via Malden St. & Highland Ave.	2,494
109	Linden Square-Sullivan Square via Broadway	2,585
110	Wonderland or Broadway & Park-Wellington via Park Ave.	2,226
111	Woodlawn-Haymarket via Mystic River/Tobin Bridge	5,841
112	Wellington-Maverick via Central Ave., Mystic Mall	2,168
116	Wonderland-Maverick via Revere Street	4,233
117	Wonderland-Maverick via Beach Street	3,403
119	Northgate-Beachmont Sta. via Revere Ctr./Cooledge Housing	1,159
120	Orient Hts. Sta.-Maverick via Bennington St., Jefferies Pt.	3,403
121	Wood Island-Maverick via Lexington Street	474
130	Lebanon Street, Melrose-Malden Station via Forestdale	780
131	Melrose Highland-Malden Station via Oak Grove Station	659
134	North Woburn-Wellington via Woburn, Winchester, Winthrop Street, Medford Square, & Riverside Avenue	1,944
136/	Reading Sq.-Malden Sta. via Wakefield, Melrose, Oak Grove	973
137		1,149
210	Quincy Center-North Quincy & Fields Cor. via Hancock St.	1,117
211	Quincy Center-Squantum via Montclair & N. Quincy Station	623
212	Quincy Center-North Quincy via Billings Road	331
214	Quincy Center-Germantown via Sea St. & Oceanview	1,181
215	Quincy Center-Ashmont via W. Quincy & E. Milton Sq.	1,869
216	Quincy Center-Houghs Neck via Sea Street	1,698
217	Wollaston Beach-Ashmont via Beale St., Wollaston	612
220	Quincy Center-Hingham	1,886
222	Quincy Center-East Weymouth	2,010
225	Quincy Center-Weymouth Landing via Des Moines Road	1,375
225A	Quincy Center-Weymouth Landing via Quincy Avenue	1,122
230	Quincy Center-Brockton Line via Holbrook & Braintree Sta.	1,116
236	Quincy Center-So. Shore Plaza via E. Braintree/Brain. Sta.	512
238	Quincy Center-Crawford Square, Randolph via Quincy/Adams	1,451
240	Avon-Ashmont via Randolph	2,056
245	Quincy Center-Mattapan via Quincy Hospital & Pleasant Street	620
300	Express Bus Riverside-Downtown via Mass. Turnpike	1,288
301	Express Bus Brighton Center-Downtown via Oak Sq./Turnpike	2,218
302	Express Bus Watertown Sq.-Copley Sq. via Newton Corner	1,334
304	Express Bus Watertown-Downtown via Newton Corner/Turnpike	2,443
304A	Express Bus Newton Corner-Downtown via Mass. Turnpike	1,383
305	Express Bus Central Sq./Waltham-Downtown via Moody St./Tnpk.	1,438
325	Elm Street, Medford-Haymarket via Fellsway W., Salem & I-93	1,034
326	West Medford-Haymarket via Playstead Rd., High St. & I-93	973



<u>Route #</u>	<u>Route Name</u>	<u>Typical Weekday Boardings</u>
350	Burlington Line-Alewife Station via Arlington Center	1,235
352	Burlington-Boston via Route 128 & I-93	1,008
353/	Burlington Ind. Area or Woburn Line-Boston via I-93	359
354		564
400	Lynn-Boston via Lynn Common & Western Avenue	1,948
411	Malden Sta.-Revere House via Granada Highlands & North Gate	709
426	Lynn & E. Saugus-Haymarket via Cliftondale	2,211
429	Central Square, Lynn-North Saugus via Myrtle	750
430	Appleton St., Saugus-Malden Sta. via N.E. Shopping Center	745
433	Pine Hill-Central Square, Lynn	270
435	Lynn-Danvers via North Shore Center & Liberty Tree Mall	780
436	Happy Valley-Central Square, Lynn	752
437	Lake Shore-Central Square, Lynn via Eastern Avenue & Lake Side	518
439	Central Square, Lynn-Nahant	150
440	Lynn-Boston via Lynnway & Gen. Edwards Bridge	1,793
441	Marblehead-Boston via Paradise Road & Central Square, Lynn	906
442	Marblehead-Boston via Humphrey Street & Central Square, Lynn	1,154
450	Salem-Boston via Highland & Western Avenue	1,520
451	North Beverly-Salem	364
455	Salem-Boston via Loring Ave., Central Sq., & Western Ave.	1,723
458/	Salem Center-Danvers via Liberty Tree Mall & Endicott Plaza	350
468		
		Total      377,944

North Shore Corridor Study is now underway. New 400 series bus route ridership data will be available upon study completion.



## SECTION III

### RIDERSHIP STATISTICS (CONTRACT SERVICES)



## SUBURBAN TRANSPORTATION PROGRAM

FY90

	<u>OPERATING DAYS PER WEEK</u>	<u>OPERATING DAYS PER YEAR</u>	<u>RIDERSHIP PER YEAR</u>	<u>AVERAGE MONTHLY RIDERSHIP</u>
Bedford	5	249	6,618	552
Beverly	6	299	24,200	2,017
Burlington	5	249	43,733	3,644
Dedham	5	249	32,983	2,749
Framingham	6	299	117,587	9,799
Lexington	6	299	117,795	9,816
Lynn	5	249	19,713	1,643
Mission Hill	6	299	60,479	5,040
Natick	5	249	31,211	2,601
Needham	5	249	29,740	2,478
Norwood	7	365	15,539	1,295
Weymouth	5	249	73,789	6,149
Braintree Experiment	5	249	34,007	2,834



COMPUTER BOAT PASSENGERS  
BY FISCAL YEAR

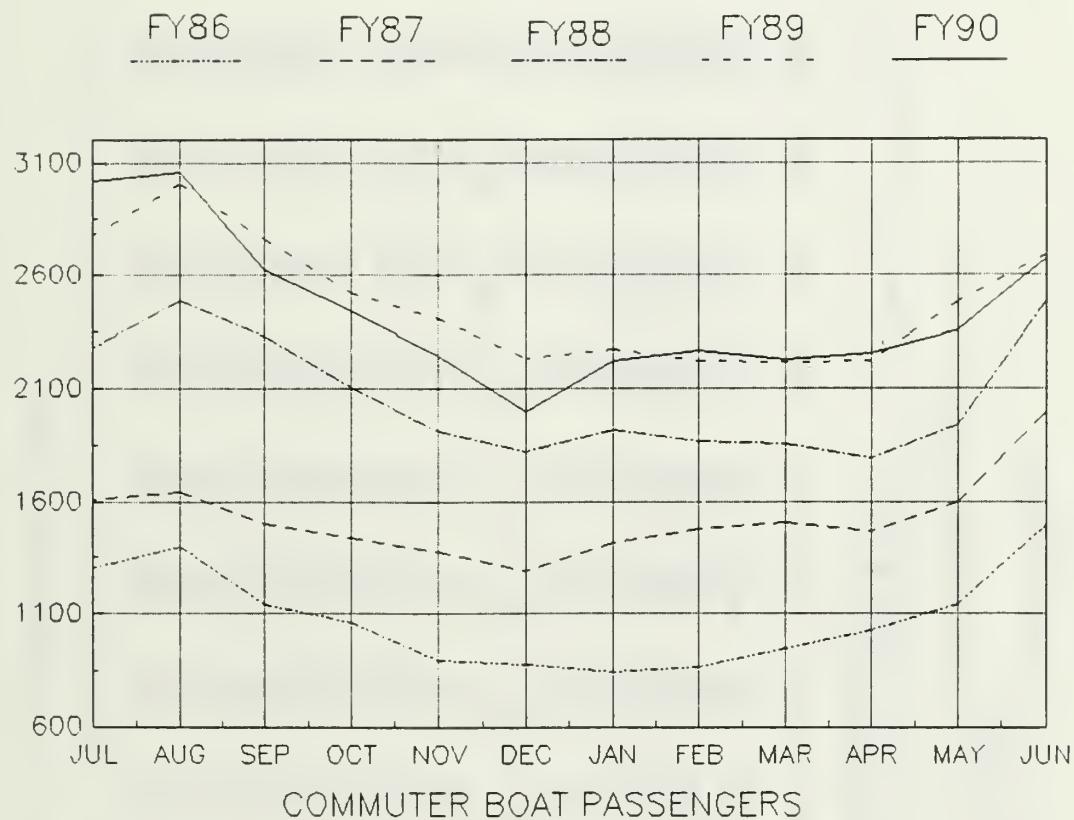
	AVERAGE DAILY PASSENGERS		PASSENGERS PER MONTH		% INCREASE IN RIDERSHIP		% INCREASE IN RIDERSHIP IN RIDERSHIP	
	FY1986	FY1987	FY1988	FY1989	FY1990	FY1986	FY1987	FY1988
JULY	1384	1608	2288	2777	3020	28697	35384	52435
AUGUST	1396	1644	2485	3065	3059	30717	34530	53535
SEPTEMBER	1141	1508	2330	2761	2622	26539	31501	48921
OCTOBER	1062	1436	2169	2518	2448	23368	31601	44293
NOVEMBER	895	1373	1911	2407	2244	17898	24709	38216
DECEMBER	876	1288	1824	2233	2000	18387	28334	40134
JANUARY	844	1414	1917	2276	2224	18563	28283	38335
FEBRUARY	869	1476	1870	2223	2266	16513	28050	37408
MARCH	946	1510	1655	2214	2227	19863	33227	42246
APRIL	1027	1465	1792	2225	2254	22596	32238	37638
MAY	1140	1601	1941	2481	2355	23950	32011	40753
JUNE	1496	2000	2483	2694	2674	31424	43393	54628
TOTALS:						272507	383861	527595

TOTALS: 272507 383861 527595

AVERAGE PERCENT INCREASE/DECREASE IN RIDERSHIP:  
FY86-87 40.94%  
FY87-88 37.44%  
FY88-89 40.04%  
FY89-90 -5.14%  
FY86-89 18.94%  
FY87-90 -1.14%



HINCHAM COMMUTER BOAT SERVICE  
AVERAGE DAILY RIDERSHIP  
FY86-FY90





FY90 RIDERSHIP - PRIVATE CARRIERS AND INTER-DISTRICT TRANSPORTATION SERVICE CARRIERS

CARRIER	SERVICE	July	August	September	October	November	December	January	February	March	April	May	June	Total
American Eagle	New Bedford	4680	5317	4549	4861	4940	4693	5050	4530	5021	4672	5350	4929	58518
Andre Coachlines	Quincy/Hull *	8414	9432	7762	6998	6340	4357	4180	4350	4531	4287	5244	78699	78699
Andre Coachlines	Navy Yard **	5180	6350	4500	4900	5298	3888	5162	2791	6863	3522	5809	6770	61015
Big W Trans	Milford	1282	1572	1191	1225	1117	1076	1203	1095	1452	1388	1534	1404	15541
Big W Trans	Northborough	353	508	424	482	507	499	503	451	556	496	568	673	6912
Bloom Bus Lines	Taunton	9256	11288	10436	11611	11379	11282	13377	12887	13211	12150	12434	11350	139781
Boston Harbor Cruises	Navy Yard **	19382	19038	14731	13908	10185	7515	8457	9114	11397	12692	12364	19583	158278
Brockton Area Trans	Ashmont Station	5280	6890	3637	5665	5507	5002	5632	5632	5748	5569	5884	5335	64921
Brush Hill	Milford	1991	2431	1864	2888	1763	1671	1986	1532	1626	1414	1424	1484	2116
Carey's Bus Lines	Whitman	2339	2870	2396	2666	3595	5413	6072	5567	6154	5334	6142	5767	54514
Carey's Bus Lines	Whitman *	2	2734	3370	2813	3130	1811	2215	1953	2172	1876	2463	2229	2363
Hudson Bus Lines	Concord	2401	3815	2939	2685	3161	2744	2558	2164	2627	2341	2444	2534	28869
Hudson Bus Lines	Fulton Street *	3213	3810	3728	3558	3161	2744	2558	2233	2564	2894	2427	2662	34982
Interstate Coach	Middleboro-Holiday	2006	1968	1752	1741	2500	272	374	371	285	278	366	382	28171
Merrimack Valley RTA	Reading	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	97	319	410
Michael Sales	* 4	4287	5822	4288	4137	3747	3243	3884	2604	2339	2386	3885	435	435
Peter Pan Bus Lines	Worcester	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3499	3619	43881
Plymouth & Brockton	Brantree	1492	1749	1910	2894	1839	1646	2106	1854	2947	2726	2811	2944	31083
Plymouth & Brockton	Brockton	989	1045	1135	1099	1033	1024	1199	1107	1236	1062	1288	1107	17686
Plymouth & Brockton	Hannis	2279	2751	5439	3118	1838	2312	2598	2488	2645	2101	2154	2887	31722
Plymouth & Brockton	Plymouth	6141	7310	6342	6232	6852	6598	7958	7857	7962	7282	7934	7528	85116
Rapid Transit	Wintrop	5	55361	61388	57128	68874	57316	54924	68891	62538	56151	58992	568648	568676
Smith Company	North Shore	5983	6986	6288	7386	6955	6684	8397	8782	6873	7194	8613	7649	87781
Smith Company	North Shore **	2204	2615	2654	3101	2865	2772	3645	2912	3240	2834	2562	31394	31394
Town of Framingham	Honkinton	N/A	698	968	1919	945	767	1051	923	1185	1849	1820	931	16539
Trombly	North Andover	16865	14258	16117	17866	16129	15183	16344	14898	16115	15122	16361	14336	188514
Wilson Bus Lines	Gardner	788	652	788	689	738	612	689	651	666	616	682	624	8895
Monthly Totals:		164647	181766	166177	173289	168839	149015	169753	153782	172275	168940	173016	172584	1986145

\*Private Carriers subsidized through the MBTA's operating budget.

\*\*Carriers providing CANA services, which the MBTA is reimbursed by DPU for.

All other carriers are funded under the Inter-District Transportation Program, which the MBTA is reimbursed by EDTC for.

NOTES:

1. Passenger counts are estimated based on a survey that is done one week each month.

2. The Authority subsidized 51% of this service from its operating budget until November 17, 1989.

3. This service did not begin until February 20, 1990.

4. This service did not begin until December 18, 1990.

5. Passengers are estimated based on average fares and the revenue collected.



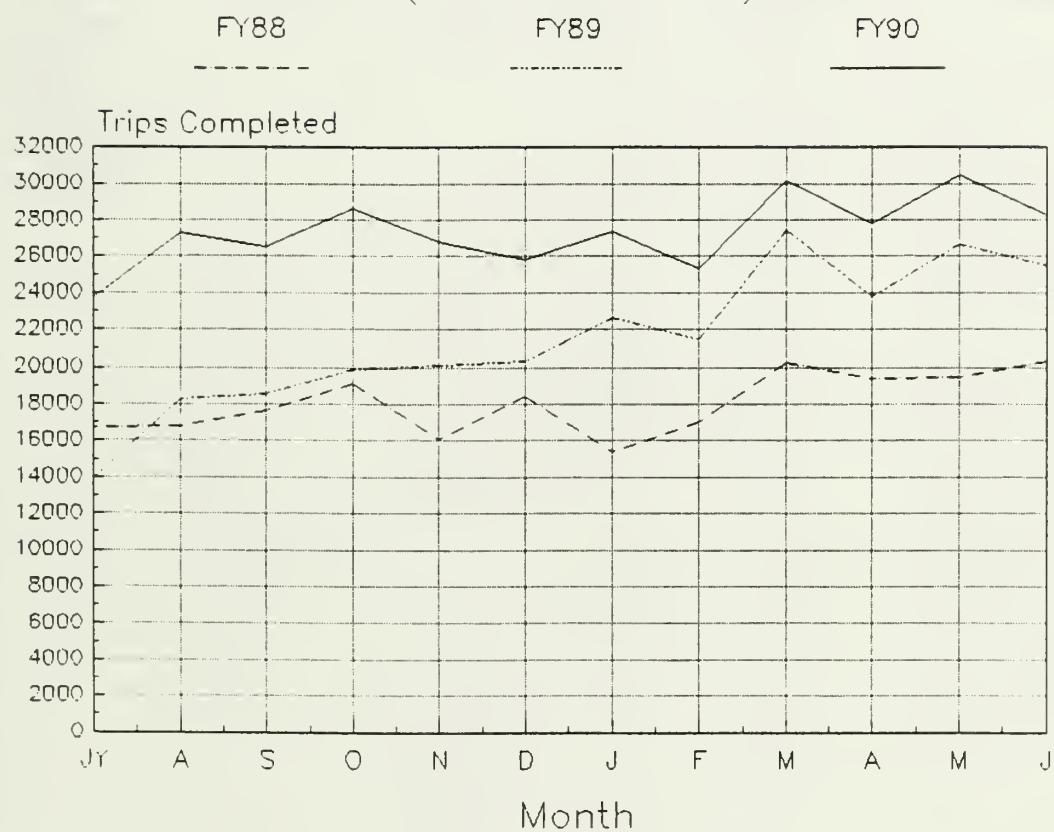
**RIDERSHIP STATISTICS FOR THE RIDE PROGRAM BY AREA**  
(Total Trips Completed)

CORE AREA	WEST AREA						SOUTH AREA					
	FY87	FY88	FY89	FY90	FY88	FY89	FY90	FY88	FY89	FY90	FY88	FY89
JULY	16007.0	17101.0	10913.0	18700.0	JULY	532.0	778.0	JULY	900.0	1057.0	716.0	1150.0
AUGUST	16061.0	16104.0	14505.0	21186.0	AUGUST	33.0	76.0	AUGUST	481.0	577.0	675.0	1015.0
SEPTEMBER	16867.0	17082.0	14429.0	20830.0	SEPTEMBER	14.0	154.0	SEPTEMBER	1642.0	1864.0	1633.0	1838.0
OCTOBER	17900.0	18344.0	15522.0	22493.0	OCTOBER	197.0	1732.0	OCTOBER	1732.0	1886.0	1715.0	1286.0
NOVEMBER	14899.0	16342.0	15705.0	20832.0	NOVEMBER	233.0	233.0	NOVEMBER	194.0	233.0	1361.0	1232.0
DECEMBER	16827.0	17468.0	15820.0	19444.0	DECEMBER	271.0	72.0	DECEMBER	1404.0	1404.0	1315.0	1296.0
JANUARY	14537.0	16135.0	18130.0	21321.0	JANUARY	292.0	935.0	JANUARY	292.0	292.0	1259.0	1259.0
FEBRUARY	15136.0	16132.0	17067.0	19754.0	FEBRUARY	364.0	900.0	FEBRUARY	364.0	364.0	1057.0	1057.0
MARCH	17789.0	19612.0	21829.0	23017.0	MARCH	453.0	1129.0	MARCH	545.0	545.0	1291.0	1291.0
APRIL	16927.0	18004.0	19163.0	20632.0	APRIL	595.0	783.0	APRIL	595.0	595.0	1373.0	1373.0
MAY	16625.0	18483.0	21635.0	22532.0	MAY	605.0	718.0	MAY	605.0	605.0	1411.0	1411.0
JUNE	17232.0	18634.0	20408.0	21096.0	JUNE	628.0	766.0	JUNE	628.0	628.0	1363.0	1363.0
<b>TOTAL</b>	<b>196807.0</b>	<b>209441.0</b>	<b>205126.0</b>	<b>251837.0</b>	<b>TOTAL</b>	<b>3686.0</b>	<b>9437.0</b>	<b>TOTAL</b>	<b>3686.0</b>	<b>9437.0</b>	<b>14511.0</b>	<b>14511.0</b>
MONTHLY AVERAGE	16400.6	17453.4	17093.8	20986.4	MONTHLY AVERAGE	335.1	786.4	MONTHLY AVERAGE	335.1	786.4	1209.3	1209.3
WEEKDAY AVERAGE	630.8	671.3	657.5	807.2	WEEKDAY AVERAGE	12.0	30.2	WEEKDAY AVERAGE	12.0	30.2	46.5	46.5
<b>NORTHWEST AREA</b>	<b>FY86</b>	<b>FY87</b>	<b>FY88</b>	<b>FY89</b>	<b>FY90</b>			<b>SOUTH AREA</b>	<b>FY88</b>	<b>FY89</b>	<b>FY90</b>	
JULY	136.0	731.0	905.0	1173.0	JULY			JULY	1168.0	1481.0	1642.0	
AUGUST	179.0	699.0	1025.0	1423.0	AUGUST			AUGUST	1168.0	1481.0	1642.0	
SEPTEMBER	267.0	721.0	1188.0	1554.0	SEPTEMBER			SEPTEMBER	14.0	14.0	14.0	
OCTOBER	274.0	784.0	1312.0	1419.0	OCTOBER			OCTOBER	197.0	197.0	197.0	
NOVEMBER	19.0	778.0	1343.0	1393.0	NOVEMBER			NOVEMBER	308.0	308.0	308.0	
DECEMBER	250.0	820.0	1385.0	1285.0	DECEMBER			DECEMBER	460.0	460.0	460.0	
JANUARY	187.0	715.0	1289.0	1461.0	JANUARY			JANUARY	528.0	528.0	528.0	
FEBRUARY	260.0	769.0	1110.0	1421.0	FEBRUARY			FEBRUARY	772.0	772.0	772.0	
MARCH	443.0	1008.0	1361.0	1810.0	MARCH			MARCH	1033.0	1033.0	1033.0	
APRIL	586.0	894.0	1051.0	1937.0	APRIL			APRIL	1023.0	1023.0	1023.0	
MAY	4.0	606.0	990.0	1210.0	MAY			MAY	1226.0	1226.0	1226.0	
JUNE	16.0	741.0	1049.0	1207.0	JUNE			JUNE	1499.0	1499.0	1499.0	
<b>TOTAL</b>	<b>20.0</b>	<b>4120.0</b>	<b>9958.0</b>	<b>14386.0</b>	<b>TOTAL</b>	<b>6990.0</b>	<b>20658.0</b>	<b>TOTAL</b>	<b>6990.0</b>	<b>20658.0</b>	<b>24051.0</b>	<b>24051.0</b>
MONTHLY AVERAGE	10.0	343.3	829.8	1198.8	MONTHLY AVERAGE	699.0	1721.5	MONTHLY AVERAGE	699.0	1721.5	214.7	214.7
WEEKDAY AVERAGE	0.4	13.2	31.9	46.1	WEEKDAY AVERAGE	23.0	66.2	WEEKDAY AVERAGE	23.0	66.2	77.1	77.1
<b>NORTH AREA</b>	<b>FY88</b>	<b>FY89</b>	<b>FY90</b>					<b>NORTH AREA</b>	<b>FY88</b>	<b>FY89</b>	<b>FY90</b>	
JULY					JULY	401.0	1296.0	JULY	401.0	1296.0	575.0	575.0
AUGUST					AUGUST	1633.0	1633.0	AUGUST	1633.0	1633.0	1715.0	1715.0
SEPTEMBER					SEPTEMBER	540.0	1407.0	SEPTEMBER	540.0	1407.0	655.0	655.0
OCTOBER					OCTOBER	1361.0	1361.0	OCTOBER	1361.0	1361.0	1320.0	1320.0
NOVEMBER					NOVEMBER	1315.0	1315.0	NOVEMBER	1315.0	1315.0	1304.0	1304.0
DECEMBER					DECEMBER	1404.0	1404.0	DECEMBER	1404.0	1404.0	1384.0	1384.0
JANUARY					JANUARY	1784.0	1784.0	JANUARY	1784.0	1784.0	1784.0	1784.0
FEBRUARY					FEBRUARY	1304.0	1304.0	FEBRUARY	1304.0	1304.0	1304.0	1304.0
MARCH					MARCH	1384.0	1384.0	MARCH	1384.0	1384.0	1384.0	1384.0
APRIL					APRIL	1789.0	1789.0	APRIL	1789.0	1789.0	1789.0	1789.0
MAY					MAY	1789.0	1789.0	MAY	1789.0	1789.0	1789.0	1789.0
JUNE					JUNE	1789.0	1789.0	JUNE	1789.0	1789.0	1789.0	1789.0
<b>TOTAL</b>	<b>1305.0</b>	<b>8771.0</b>	<b>18471.0</b>		<b>TOTAL</b>	<b>21.5</b>	<b>730.9</b>	<b>TOTAL</b>	<b>21.5</b>	<b>730.9</b>	<b>8.4</b>	<b>8.4</b>
MONTHLY AVERAGE					MONTHLY AVERAGE			MONTHLY AVERAGE				
WEEKDAY AVERAGE					WEEKDAY AVERAGE			WEEKDAY AVERAGE				



# THE RIDE

## Trips Completed for FY88-FY90 (all service areas)





THE RIDE SERVICE AREA  
As of June, 1989

<u>CORE</u>	<u>NORTHWEST</u>	<u>WEST</u>	<u>SOUTH</u>	<u>NORTH</u>
Arlington	Bedford	Framingham	Braintree	Beverly
Belmont	Burlington	Natick	Cohasset	Danvers
Boston	Concord		Hingham	Lynn
Brookline	Lexington		Holbrook	Marblehead
Cambridge	Lincoln		Hull	Nahant
Chelsea	Waltham		Milton	Peabody
Everett	Wilmington		Quincy	Salem
Malden	Winchester		Randolph	Saugus
Medford	Woburn		Weymouth	Swampscott
Melrose				
Newton				
Revere				
Somerville				
Watertown				
Winthrop				



COMMUTER RAIL BOARDING COUNTS - FEBRUARY 1990

FITCHBURG LINE

Fitchburg	228
North Leominster	127
Shirley	38
Ayer	155
Littleton-495	130
South Acton	469
West Concord	435
Concord	424
Lincoln	227
Silver Hill	6
Hastings	22
Kendal Green	80
Brandeis-Roberts	293
Waltham	329
Waverley	78
Belmont Center	74
Porter Square	83

NEEDHAM LINE

Needham Heights	304
Needham Center	298
Needham Junction	383
Hersey	507
West Roxbury	362
Highland	247
Bellevue	243
Roslindale Village	354
Forest Hills	69

HAVERHILL LINE

Haverhill	177
Bradford	231
Lawrence	156
Andover	258
Ballardvale	96
North Wilmington	65
Reading	804
Wakefield	762
Greenwood	43
Melrose Highlands	320
Melrose Cedar Park	236
Wyoming Hill	122
Malden Center	4

FAIRMOUNT LINE

Fairmount	397
Morton Street	319
Uphams Corner	83

LOWELL LINE

Lowell	1019
North Billerica	595
Wilmington	366
Mishawum	686
Winchester Center	643
Wedgemere	453
West Medford	210

IPSWICH LINE

Ipswich	345
Hamilton-Wenham	272
North Beverly	181

FRAMINGHAM LINE

Framingham	719
West Natick	495
Natick	457
Wellesley Square	469
Wellesley Hills	337
Wellesley Farms	433
Auburndale	111

ATTLEBORO LINE

Providence	696
South Attleboro	0
Attleboro	1813
Mansfield	1640
Sharon	1002
Canton Junction	1046
Route 128	1708
Readville	621
Hyde Park	544
Ruggles	23
Back Bay	56

ROCKPORT LINE

Rockport	217
Gloucester	329
West Gloucester	73
Manchester	210
Beverly Farms	111
Prides Crossing	37
Montserrat	300
Beverly Depot	1088
Salem	960
Swampscott	684
Lynn	187
Riverworks	14
Chelsea	67

FRANKLIN LINE

Forge Park-495	857
Franklin	849
Norfolk	662
Walpole	930
Plimptonville	6
Windsor Gardens	519
Norwood Central	866
Norwood Depot	523
Islington	232
Dedham Corp. Ctr.	77
Endicott	310

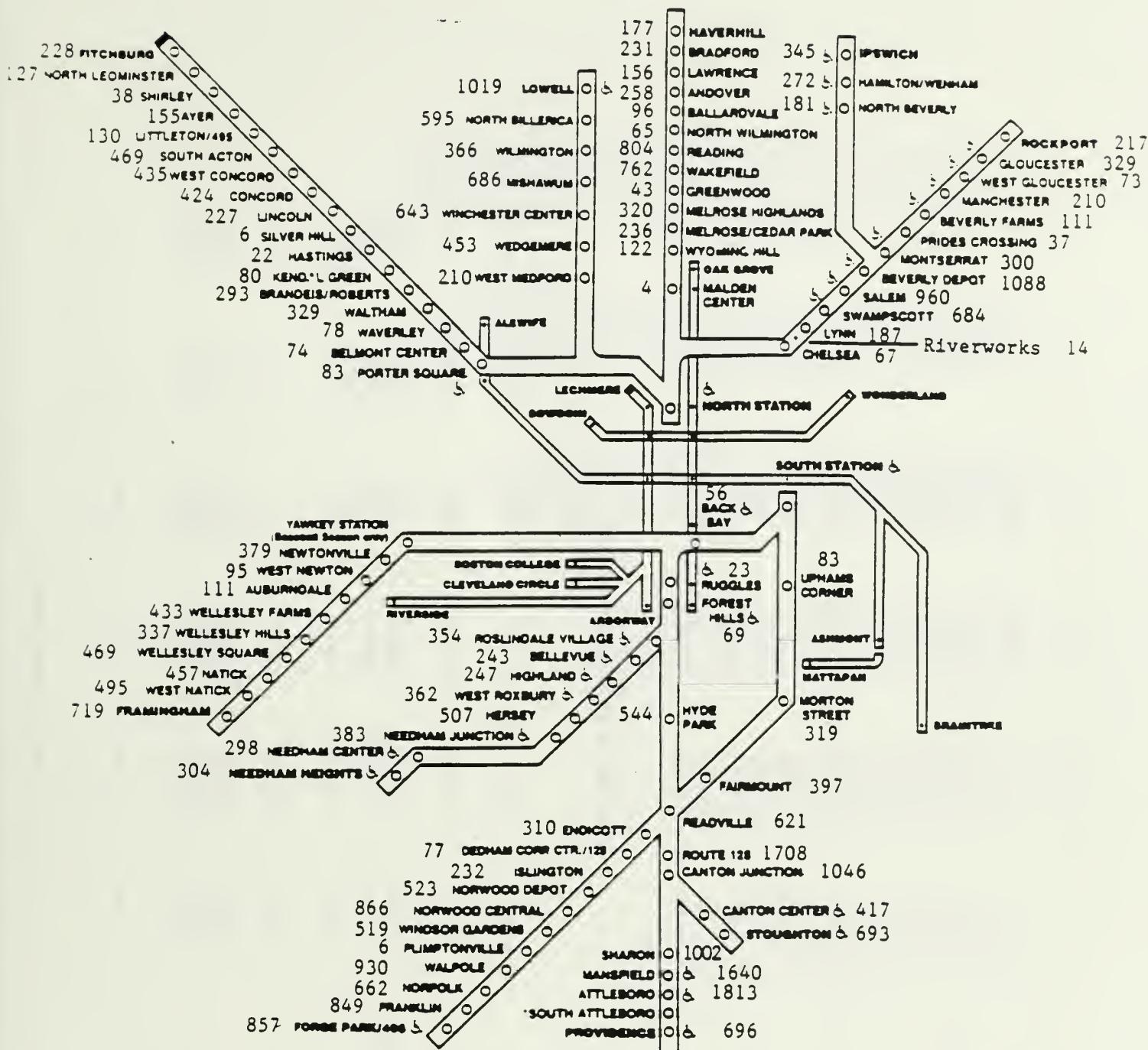
STOUGHTON LINE

Stoughton	693
Canton Center	417

\* Station open only during baseball season



# COMMUTER RAIL



- 5. **Whom/what Are You**
  - Success is Ours
- 6. **Our Commitment**



COMMUTER RAIL ANNUAL RIDERSHIP

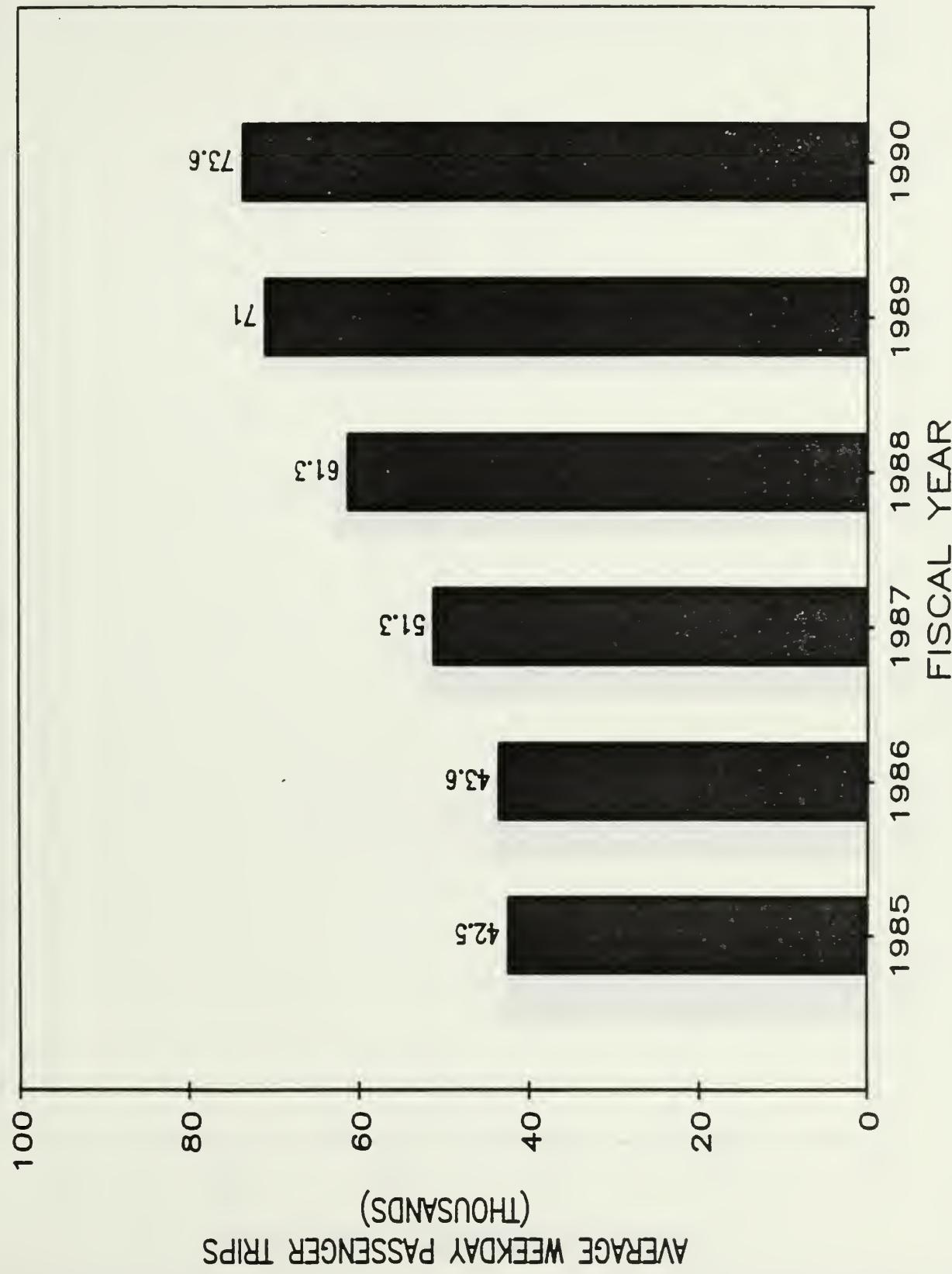
LINE	CY 1984	CY 1985	CY 1986	CY 1987	CY 1988	CY 1989
ROCKPORT/IPSWICH	2,042,534	1,883,709	1,968,249	2,452,830	2,489,237	2,435,975
HAVERHILL	1,149,597	1,206,308	1,056,476	1,535,005	1,719,733	1,639,723
LOWELL	1,093,726	1,266,672	1,293,107	1,771,436	1,977,357	2,033,807
FITCHBURG	1,355,290	1,283,566	1,034,069	1,564,180	1,753,545	1,675,997
<b>TOTAL NORTH SIDE</b>	<b>5,421,147</b>	<b>5,640,275</b>	<b>5,391,901</b>	<b>7,323,451</b>	<b>7,939,872</b>	<b>7,785,202</b>
FRAMINGHAM	1,107,723	1,141,736	1,237,916	1,344,172	1,538,269	1,738,206
NEEDHAM	0	0	0	243,737	1,786,973	1,365,911
FRANKLIN	1,709,454	1,775,496	1,889,026	1,950,696	2,271,813	2,491,310
ATLLEBORO/STOUGHTON	2,919,846	3,272,976	3,529,199	3,729,232	4,326,396	4,806,488
FAIRMOUNT	0	0	0	60,402	496,334	550,896
<b>TOTAL SOUTH SIDE</b>	<b>5,737,073</b>	<b>6,190,158</b>	<b>6,656,141</b>	<b>7,328,239</b>	<b>9,869,735</b>	<b>10,952,811</b>
<b>TOTAL SYSTEM</b>	<b>11,158,170</b>	<b>11,836,433</b>	<b>12,048,042</b>	<b>14,651,690</b>	<b>17,807,607</b>	<b>18,738,013</b>

COMMUTER RAIL AVERAGE WEEKDAY INBOUND PASSENGERS

LINE	CY 1984	CY 1985	CY 1986	CY 1987	CY 1988	CY 1989
ROCKPORT/IPSWICH	3,522	3,248	3,394	4,729	4,258	4,150
HAVERHILL	1,982	2,080	1,822	2,641	3,206	3,274
LOWELL	1,886	2,184	2,229	3,054	3,702	4,103
FITCHBURG	1,957	2,213	1,852	2,697	2,912	2,696
<b>TOTAL NORTH SIDE</b>	<b>9,347</b>	<b>9,725</b>	<b>9,297</b>	<b>12,621</b>	<b>14,078</b>	<b>14,223</b>
FRAMINGHAM	1,910	1,969	2,134	2,318	2,647	3,647
NEEDHAM	0	0	0	2,233	2,299	2,607
FRANKLIN	2,947	3,061	3,757	5,363	5,972	4,714
ATLLEBORO/STOUGHTON	5,034	5,643	6,085	6,430	7,830	9,908
FAIRMOUNT	0	0	0	549	875	1,014
<b>TOTAL SOUTH SIDE</b>	<b>9,891</b>	<b>10,673</b>	<b>11,476</b>	<b>14,893</b>	<b>17,643</b>	<b>21,890</b>
<b>TOTAL SYSTEM</b>	<b>19,738</b>	<b>20,598</b>	<b>20,773</b>	<b>27,514</b>	<b>31,721</b>	<b>36,113</b>

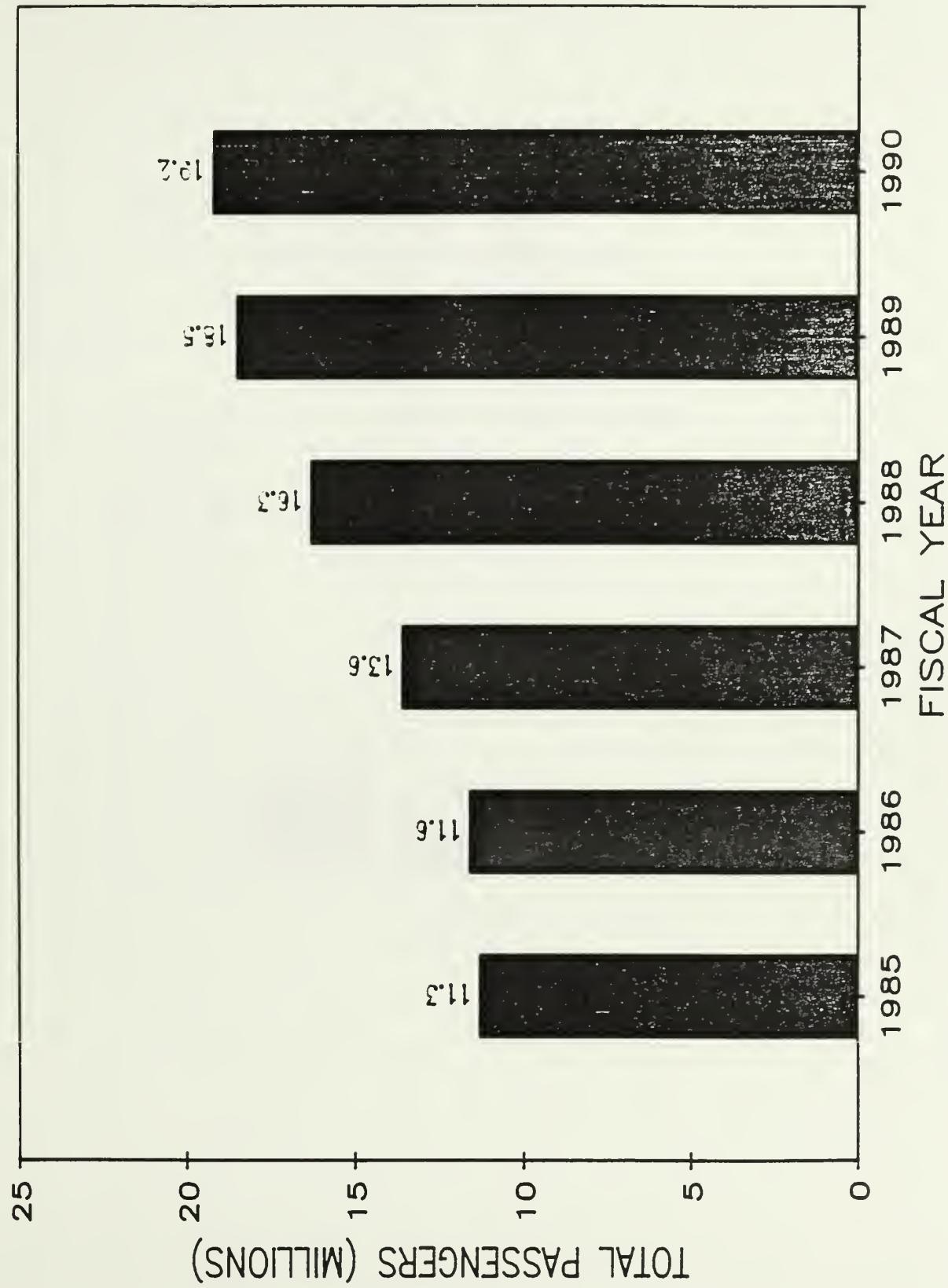


M.B.T.A. COMMUTER RAIL  
AVERAGE WEEKDAY RIDERSHIP 1985-1990





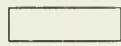
M.B.T.A. COMMUTER RAIL  
ANNUAL RIDERSHIP 1985-1990





## COMMUTER RAIL RIDERSHIP WEEKDAY VS. WEEKEND RIDERSHIP

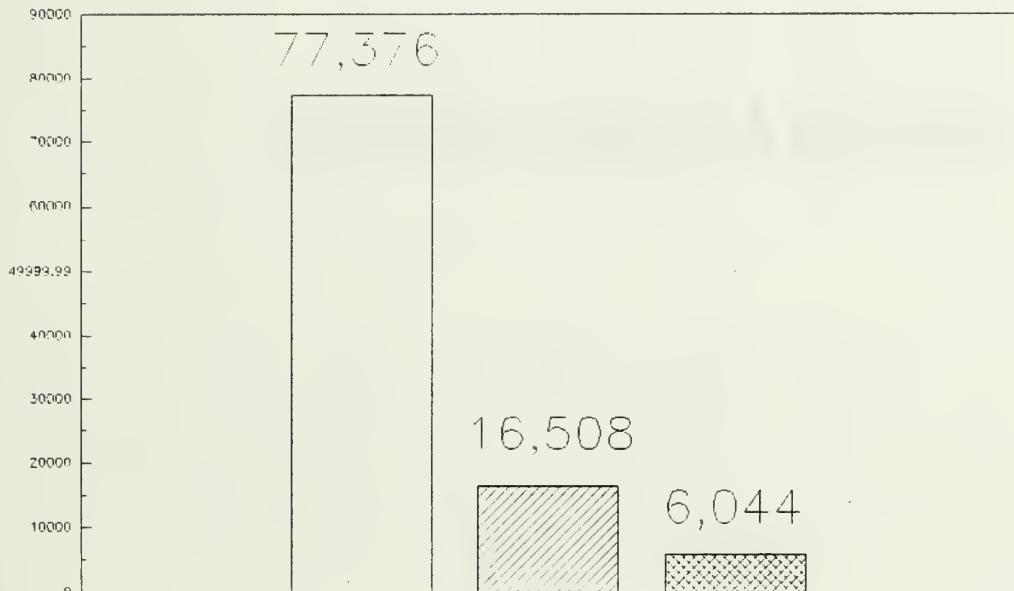
WEEKDAY



SATURDAY



SUNDAY



SEPTEMBER 27-29, 1990



## SECTION IV

### SCHEDULE STATISTICS

## SCHEDULE STATISTICS

SCHEDULED MILES FOR FALL 1990

CAR	WEEK	SAT.	SUN.	WEEKLY	QUARTERLY	*YEARLY
ARBORWAY	880	660	486	5,546	87,334	284,307
RESERVOIR	16,025	12,300	9,523	101,948	1,607,937	5,291,034
TOTAL CARS	16,905	12,960	10,009	107,494	1,695,271	5,575,341
BENNETT T.T.	2,648	1,530	--	14,770	227,258	742,384
<hr/>						
BUS						
ALBANY	10,290	--	--	51,450	782,040	2,554,531
CABOT	16,169	14,861	6,587	102,293	1,606,634	5,179,341
ARBORWAY	14,158	9,192	4,717	84,699	1,321,895	4,259,459
SOMERVILLE	10,772	7,493	4,517	65,870	1,031,876	3,383,718
FELLSWAY	7,169	--	--	35,845	544,844	1,749,920
CHARLESTOWN	7,688	8,412	3,722	50,574	798,010	2,587,180
QUINCY	8,292	5,404	2,900	49,764	777,160	2,517,386
LYNN	9,526	5,075	3,162	55,867	870,329	2,829,311
TOTAL BUS	84,064	50,437	25,605	496,362	7,732,788	25,060,846
TOTAL SURFACE	103,617	64,927	35,614	618,626	9,655,317	31,378,571
<hr/>						
RTL						
ORANGE	16,801	8,132	5,906	98,043	1,527,334	4,837,087
RED	29,935	20,928	9,007	179,610	2,801,969	8,840,568
BLUE	9,174	6,795	5,464	58,129	916,555	2,761,157
TOTAL RTL	55,910	35,855	20,377	335,782	5,245,858	16,438,812
TOTAL SYSTEM	159,527	100,782	55,991	954,408	14,901,175	47,817,383



SCHEDULED TRIPS FOR FALL 1990

CAR	WEEK	SAT.	SUN.	WEEKLY	QUARTERLY	*YEARLY
ARBORWAY	172.0	129.0	95.0	1,084.0	17,070.0	55,580.0
RESERVOIR	1,077.0	829.0	628.0	6,842.0	107,877.0	356,085.0
TOTAL CARS	1,249.0	958.0	723.0	7,926.0	124,947.0	411,665.0
BENNETT T.T.	300.0	199.0	-	1,699.0	26,183.0	85,544.0
<hr/>						
BUS						
ALBANY	608.5	-	-	3,042.5	46,246.0	149,357.0
CABOT	1,601.5	1,338.5	647.0	9,993.0	156,761.5	500,771.0
ARBORWAY	1,389.5	930.5	474.5	8,352.5	130,436.0	418,643.5
SOMERVILLE	866.5	573.0	399.5	5,305.0	83,185.5	267,590.0
FELLSWAY	584.0	-	-	2,920.0	44,384.0	141,163.5
CHARLESTOWN	671.5	752.0	355.0	4,464.5	70,563.0	227,445.5
QUINCY	614.5	419.5	179.5	3,671.5	57,244.0	184,695.0
LYNN	622.5	328.5	204.5	3,645.5	56,780.0	183,795.5
TOTAL BUS	6,958.5	4,342.0	2,260.0	41,394.5	645,600.0	2,073,461.0
TOTAL SURFACE	8,507.5	5,499.0	2,983.0	51,019.5	796,730.0	2,570,670.0
<hr/>						
RTL						
ORANGE	758.0	364.0	264.0	4,418.0	68,812.0	218,078.0
RED	985.0	708.0	306.0	5,939.0	92,710.0	292,326.0
BLUE	784.0	572.0	460.0	4,952.0	78,048.0	234,926.0
TOTAL RTL	2,527.0	1,644.0	1,030.0	15,309.0	239,570.0	745,330.0
TOTAL SYSTEM	11,034.5	7,143.0	4,013.0	66,328.5	1,036,300.0	3,316,000.0



## REVENUE MILEAGE BY MODE: 1972 - 1989

CALENDAR YEAR	BUS	STREETCAR	TRACKLESS TROLLEY	RAPID TRANSIT	TOTAL
1972	26,313,055	7,157,239	1,019,013	11,704,634	46,193,941
1973	23,212,289	6,313,820	898,931	10,325,344	40,750,384
1974	23,290,492	6,335,091	901,960	10,360,130	40,887,673
1975	23,739,744	5,771,051	889,794	10,138,996	40,539,585
1976	24,989,800	5,800,240	858,525	11,037,765	42,686,330
1977	22,564,151	5,167,125	865,803	10,291,379	38,888,458
1978	22,367,382	5,093,884	860,667	9,669,877	37,991,810
1979	22,216,723	5,152,085	812,395	10,114,758	38,295,961
1980	23,488,589	4,586,092	843,907	10,694,480	39,613,068
1981	21,027,275	4,018,407	475,477	10,190,028	35,711,187
1982	19,690,058	4,564,713	360,748	12,361,494	36,977,013
1983	20,464,492	5,069,798	571,322	12,557,311	38,662,923
1984	21,064,390	5,209,796	562,402	12,952,024	39,788,612
1985	20,968,348	5,151,540	603,847	13,963,641	40,687,376
1986	22,283,057	4,560,182	720,220	14,060,152	41,623,611
1987	23,050,039	4,855,572	742,085	15,441,721	44,089,417
1988	23,263,802	5,224,004	744,777	17,067,279	46,299,862
1989	23,147,381	5,462,465	743,453	18,503,301	47,856,600



## MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

## MILES FOR TOTAL SYSTEM - FY90

PERIOD 1-12 JULY 1, 1989 - JUNE 30, 1990

	Round Trips	Revenue Miles	Non-Rev Miles	Total Miles
SURFACE:				
STREETCARS	417,481	5,574,069	30,648	5,604,717
BUSES	2,116,410	22,644,687	3,381,541	26,026,228
TRKLS TRL	86,423	745,349	5,091	750,440
TOTAL SURFACE	2,620,314	28,964,105	3,417,280	32,381,385
RAPID TRANSIT				
ORANGE LINE (Main Line)	244,926	5,444,519	13,976	5,458,495
RED LINE (Camb/Dorch)	159,091	3,687,204	41,612	3,728,816
BLUE LINE (East Boston)	242,808	3,024,400	30,542	3,054,942
RED LINE (S. Shore Ext)	189,178	6,750,132	57,407	6,807,539
TOTAL R.T.L.	836,003	18,906,255	143,537	19,049,792
TOTAL SYSTEM	3,456,317 =====	47,870,360 =====	3,560,817 =====	51,431,177 =====



LOCATIONS	WEEKDAY					WEEKEND		
	A. M. PEAK	A. M. BASE	P. M. BASE	P. M. PEAK	LATE	SATURDAY PEAK	SUNDAY PEAK	
Albany Garage	85	30	49	77	—	—	—	—
Cabot Garage	153	57	110	139	46	89	38	
Arborway Garage	133	55	117	111	30	55	26	
Somerville Garage	90	40	77	85	20	44	22	
Fellsway Garage	72	27	47	60	—	—	—	—
Charlestown Garage	75	25	54	64	20	51	18	
Lynn Garage	77	30	54	69	10	28	13	
Quincy Garage	68	23	53	55	9	30	13	
—	—	—	—	—	—	—	—	
BUS TOTAL	753	287	561	660	135	297	130	
TRACKLESS TROLLEY TOTAL	23	11	16	22	4	9	—	
<b>GREEN LINE DIVISION</b>								
STREET CARS:								
Reservoir	133	71	75	131	33	82	58	
Mattapan	6	3	5	6	2	3	2	
—	—	—	—	—	—	—	—	
TOTAL STREET CARS	139	74	80	137	35	85	60	
<b>RAPID RAIL DIVISION</b>								
ORANGE LINE	102	40	40	102	12	32	12	
RED LINE	150	68	68	150	34	60	26	
BLUE LINE	60	24	24	60	16	24	20	
—	—	—	—	—	—	—	—	
TOTAL RAPID TRANSIT	312	132	132	312	62	116	58	



ROUTE	TERMINALS	WEEKDAY					WEEKEND	
		A.M.	A.M. BASE	P.M. BASE	P.M. PEAK	LATE	SATURDAY	SUNDAY
<u>CABOT</u>								
03	Chinatown - Boston Marine Ind. Pk.	2	—	—	2	—	—	—
06	Boston Marine Ind. Park-Haymarket & South Station	3	1	3	3	—	—	—
08	Harbor Point/UMass - Kenmore Sta.	5	4	5	7	4	3	3
22	Ashmont Sta. - Ruggles Sta.	13	10	6	10	4	6	4
43	Ruggles Sta. - Park & Tremont St.	6	6	5	7	3	3	3
47	Central Sq. Cambridge - Andrew Sta.	5	6	6	5	3	6	2
55	Queensbury-Copley Sq. or Pk. & Tremont	3	1	2	2	1	2	2
59	Needham Jct. - Watertown Sq.	—	—	—	—	—	4	—
68	Chestnut Hill - Kenmore Sta.	—	—	—	—	1	3	—
65	Brighton Ctr. - Kenmore Sta.	—	—	—	—	1	3	2
SUB-TOTAL		37	28	28	37	17	29	20
<u>ALBANY</u>								
59	Needham Jct. - Watertown Sq.	3	4	4	5	—	—	—
68	Chestnut Hill - Kenmore Sta.)	9	9	9	9	—	—	—
65	Brighton Ctr. - Kenmore Sta.)	—	—	—	—	—	—	—
SUB-TOTAL		12	13	13	14	—	—	—
<u>BARTLETT</u>								
32	Cleary Sq. - Forest Hills Sta. )	15	6	8	10	5	—	—
32-1	Wolcott Sq. - Forest Hills Sta. )	—	—	—	—	7	8	—
34E	Walpole Center - Forest Hills Sta	8	6	5	9	—	6	—
36A	V.A. Hospital - Forest Hills	5	4	2	4	—	3	—
*39	Forest Hills Sta. - Copley Sta.	12	9	16	14	6	18	12
48	Centre&South Sts.-Jamaica Plain Loop	—	2	1	—	—	2	—
SUB-TOTAL		40	27	32	37	11	28	20
<u>SOMERVILLE</u>								
62	Bedford V.A. Hospital - Alewife Sta.	5	3	4	6	1	4	—
69	Harvard/Johnson Gate - Lechmere Sta.	8	3	5	5	6	6	—
70	Cedarwood - Central Sq. Cambridge	7	7	4	8	3	10	—
70A	North Waltham-Central Sq. Cambridge	3	2	2	3	3	3	—
86	Sullivan Sta. - Union Sq. Allston	4	3	5	6	2	3	—
358	Burlington Line - Alewife Sta.	5	3	7	6	12	29	15
SUB-TOTAL		32	21	27	34	—	—	—
<u>CHARLESTOWN</u>								
108	Linden Sq. Malden - Wellington Sta.	1	—	1	2	2	6	2
112	Wellington Sta. - Maverick Sta.	4	5	4	4	3	3	3
136/137	Reading Depot - Malden Sta.	—	—	5	6	1	3	5
SUB-TOTAL		5	5	5	6	—	—	—
<u>FELLSWAY</u>								
108	Linden Sq. Malden - Wellington St.	9	4	8	9	—	—	—
136/137	Reading Depot - Malden Sta.	7	5	4	5	—	—	—
SUB-TOTAL		16	9	12	14	—	—	—
<u>QUINCY</u>								
236	Quincy Ctr. - South Shore Plaza	5	3	6	5	—	4	—
238	Quincy Center Sta. - Crawford Sq.	13	5	8	17	5	7	4
240	Avon - Ashmont	—	—	—	—	—	—	—
240A	Crawford Sq. - Ashmont Sta.	—	—	—	—	—	—	—
SUB-TOTAL		18	8	14	22	5	11	4
<u>LYNN</u>								
119	Northgate - Beachmont Station	2	2	3	2	1	2	—
400/455	Lynn/Salem - Haymarket Sta.	14	7	8	12	4	5	4
SUB-TOTAL		16	9	11	14	5	7	5
TOTAL		176	120	142	178	53	116	70

\*NOTE: ROUTE 39: WEEKDAY 58% SUNDAY 100%  
SATURDAY 75%



TERMINALS	WEEKDAY						WEEKEND		
	A. M. PEAK V. H.	A. M. BASE V. H.	P. M. BASE V. H.	P. M. PEAK V. H.	LATE V. H.	SATURDAY PEAK V. H.	SUNDAY PEAK V. H.		
07.1 City Point - Franklin & Devonshire Sts.	5 - 12	2 - 25	2 - 25	5 - 14	C	C	C		
09 City Point - Copley Square	C	4 - 15	4 - 15	C	C	C	C		
11 City Point - Downtown	C	4 - 15	4 - 18	C	C	C	C		
53 Roberts - Newton Corner	2 - 30	2 - 60	2 - 60	2 - 60	—	C	C		
54 Waverley Square - Newton Corner	2 - 30	2 - 60	2 - 60	2 - 60	—	C	C		
56 Waltham Highlands -Newton Corner	2 - 30	1 - 60	2 - 25	2 - 30	—	C	C		
57 Watertown Square - Kenmore Sta.	11 - 6	7 - 9	9 - 8	12 - 6	C	C	C		
57.1 Oak Square - Kenmore Sta.	1 - X	—	—	—	—	—	—		
58 Auburndale - Newton Corner	2 - 30	—	1 - 60	2 - 30	—	—	—		
59 Needham Junction - Watertown Square	3 - 30b	2 - 40b	3 - 30b	3 - 30b	—	C	C		
60 Chestnut Hill - Kenmore Sta.	4 - 17	2 - 30	3 - 28	4 - 18	C	—	C		
65 Brighton Ctr. - Kenmore Sta.	3 - 20	2 - 30	2 - 28	3 - 25	C	—	—		
178 Northwest Industrial Area - Dudley Sq.	- X	—	—	1 - X	—	—	—		
300 Riverside Sta. - Federal & Franklin Sts.	9 - 7/8	—	1 - X	8 - 6	C	—	—		
301 Brighton Center - Federal & Franklin Sts.	12 - 4	—	1 - X	10 - 5	—	—	—		
302 Watertown Square - Copley Square	5 - 10	—	—	—	—	—	—		
302.1 Watertown Sq. - Huntington & Prudential	—	—	1 - 30	4 - 12	—	—	—		
304 Watertown Square - Federal & Franklin Sts.	8 - 7/8	2 - 30a	2 - 30	7 - 10	—	C	C		
304.1 Newton Corner - Federal & Franklin Sts.	5 - 7/8	- 30	- 30	4 - 10	—	C	C		
305 Waltham Center - Federal & Franklin Sts.	11 - 6	—	—	8 - 8	—	—	—		
Supplements	—	—	10	—	—	—	—		
Total	85	30	49	77	—	—	—		
	—	—	—	—	—	—	—		

C = OPERATES FROM CABOT GARAGE

X = IRREGULAR SERVICE

NOTES:

H = HEADWAY

V = VEHICLES

P.M. BASE PEAK = 1:30 - 3:00

FOOTNOTES: a = via Copley exit (304.2)

b = alternating trips via Needham St. (59.2)



ROUTE NO.	TERMINALS	WEEKDAY						WEEKEND					
		A.M. PEAK		A.M. BASE		P.M. PEAK		SATURDAY	SUNDAY				
		V.	H.	V.	H.	V.	H.	V.	H.				
31	Harvard Square - Dudley Sq. via Mass. Ave.	10	-	7/8		7	-	12		15 - 6/7	4 - 16	7 - 12	4 - 18
33	Chinatown - Boston Marine Ind. Pk. via 'A'	2	-	20		-		-		2 - 22/23	--	--	--
35	City Point - McCormack Housing	-				1 - 60		1 - 60		-	--	1 - 65	--
36	Boston Marine Ind. Pk. - South Station	1	-	38		-		-		1 - 38	--	--	--
86.1	Boston Marine Ind. Pk. - Haymarket	2	-	38		-		-		2 - 38	--	--	--
87	City Point - Franklin & Devonshire Sts.	A				A		A		A	--	2 - 25	--
27.2	City Point - South Station	-				-		-		-	1 - 48	--	--
28.1	Harborpoint/UMass - Kenmore Sta.	5	-	20		2 - 45		4 - 25		5 - 28	2 - 45	2 - 45	2 - 4
28.2	Dudley Sq. - Kenmore Sta.	4	-	13		-		2 - 25		3 - 28	-	--	--
28.3	Ruggles Sta. - Kenmore Sta.	3	-	13		-		-		-	--	--	--
29	City Point - Copley Square via B'way	7	-	8		A		2 - 38		8 - 9	1 - 38	4 - 15	2 - 3
30	City Point - Copley Square via B.C.H.	3	-	25		2 - 35		3 - 25		4 - 25	1 - 60	2 - 48	--
31	City Point - Downtown	12	-	5/6		A		2 - 18		9 - 8	2 - 38	4 - 15	3 - 38
35	Kane Square - Ruggles Sta.	7	-	7		--		-		6 - 9	-	3 - 16	--
15.1	Fields Corner Sta. - Ruggles Sta.	--				-		-		-	2 - 38	--	1 - 68
15.2	Kane Sq. - Ruggles Sta. Via St. Peters	--				4 - 13		4 - 13		-	-	--	--
16.1	Forest Hills Sta. - JFK/UMass	--				2 - 38		-		-	1 - 58	2 - 38	1 - 58
16.2	Forest Hills Sta. - UMass	5	-	15		-		4 - 15		5 - 15	-	--	--
17.1	Fields Corner Sta. - JFK/UMass	4	-	12		2 - 20		3 - 15		4 - 12	-	2 - 28	--
18.1	Ashmont Sta. - Broadway Sta.	2	-	35		1 - 70		1 - 70		2 - 35	-	1 - 78	--
19	Fields Corner Sta. - Ruggles Sta.	4	-	13		-		1 - 70		3 - 28	-	--	--
21	Ashmont Sta. - Forest Hills Sta.	4	-	11		2 - 20		2 - 20		4 - 11	1 - 48	1 - 45	--
22	Ashmont Sta. - Ruggles Sta. via Jackson	12	-	6		5 - 13		5 - 13		10 - 7	3 - 28	6 - 11	4 - 15
23	Ashmont Sta. - Ruggles Sta. via Wash.	13	-	5		5 - 13		5 - 13		13 - 6	3 - 28	5 - 13	3 - 28
43	Ruggles Sta. - Park & Tremont Sts.	5	-	8		3 - 15		4 - 12		5 - 18	2 - 28	3 - 15	2 - 28
44.1	Jackson Sta. - Ruggles Sta. via Humbolt	6	-	9		3 - 16		4 - 13		6 - 8/9	2 - 38	3 - 16	1 - 45
45	Franklin Park - Ruggles Sta. via Blue Hill	6	-	7/8		3 - 16		4 - 13		6 - 8/9	1 - 38	3 - 16	1 - 45
47.3	Central Square - Boston City Hospital	4	-	28		4 - 20		4 - 20		4 - 20	2 - 38	4 - 28	2 - 35
49	Dudley Sq. - Downtown	8	-	6		4 - 11		7 - 7		8 - 6/7	4 - 13	5 - 9	4 - 11
53	Roberts - Newton Corner	A				A		A		A	-	2 - 68	--
54	Waverley Square - Newton Corner	-	A			A		A		A	-	2 - 68	--
55.1	Queensberry St. - Park & Tremont Sts.	3	-	16/17		1 - 60		1 - 60		2 - 38	1 - 38b	1 - 38c	1 - 38
56	Waltham Highlands - Newton Corner	A				A		A		A	-	1 - 68	--
57	Watertown Square - Kenmore Sta.	A				A		A		A	4 - 15	9 - 7/8	4 - 15
59	Needham Junction - Watertown Square	A				A		A		A	-	2 - 45	--
60	Chestnut Hill - Kenmore Sta.	A				A		A		A	1 - 45	2 - 31/32	1 - 68
65	Brighton Center - Kenmore Sta.	A				A		A		A	-	2 - 31/32	--
66.6	Harvard Square - Dudley Sq. via Brookline	10	-	9		6 - 14		11 - 9		11 - 9	2 - 48	6 - 15	2 - 48
380.2	Riverside - Federal & Franklin Sts.	-				-		-		-	1 - X	-	--
384.1	Newton Corner - Federal & Franklin Sts.	A				A		A		A	-	- 38	--
384.2	Watertown Square - Federal & Franklin Sts.	A				A		A		A	-	2 - 35c	--
611.3	JFK/UMass - Broadway Sta.	-				-		-		-	4 - X	-	--
RAD	Run As Directed - Ruggles Sta.	1	-	X		-		-		1 - X	1 - X	-	-
	Supplements				18			29		-	-	-	-
	Total			153		57		118		139	46	89	38

A = OPERATES FROM ALBANY GARAGE

X = IRREGULAR SERVICE

NOTES:

H = HEADWAY

V = VEHICLES

P.M. BASE PEAK = 1:20 - 3:00

a = to Kneeland Street

FOOTNOTES: b = to Copley Square

c = via Copley exit



ROUTE NO.	TERMINALS	WEEKDAY						WEEKEND		
		A.M.		P.M.		P.M.		SATURDAY	SUNDAY	
		PEAK	BASE	BASE	PEAK	LATE	PEAK			
V.	H.	V.	H.	V.	H.	V.	H.	V.	H.	V.
62	Bedford V. A. Hospital - Alewife Sta.	3 - 38	1 - 60	2 - 45	3 - 30	-	1 - 60	1 - 60	1 - 60	--
64	Oak Square - Central Square Cambridge	-	2 - 30	2 - 30	-	1 - 60	1 - 60	1 - 60	1 - 60	--
64.6	Oak Sq. - Kendall Sta.	4 - 18	-	-	4 - 18	-	--	--	--	--
67.4	Alewife Sta. - Turkey Hill Reservation	2 - 25	1 - 45	1 - 45	2 - 25	--	--	--	--	--
69	Harvard Square - Lechmere Sta.	7 - 14	2 - 22/23	4 - 18	3 - 17	1 - 38	2 - 28	1 - 38	1 - 38	--
78	Cedarwood - Central Square, Cambridge	7 - 15	4 - 30	4 - 30	8 - 15	1 - 60	3 - 40	3 - 40	3 - 38	--
78.1.4	North Waltham - Central Sq., Camb.	3 - 45	1 - 120	1 - 120	3 - 45	--	3 - 40	3 - 40	3 - 40	--
78.2	Watertown Square - Central Sq., Camb.	-	-	-	-	-	6 - 18	6 - 18	6 - 18	--
71.2	Watertown Square - Bennett St. Alley	--	--	1 - I	--	--	--	--	1 - 58	--
72.1	Aberdeen & Mt. Auburn - Bennett St. Alley	-	-	-	-	-	--	--	1 - 38	--
73.2	Waverley Square - Bennett St. Alley	--	-	-	-	-	-	-	1 - 58	--
74	Belmont Center - Bennett St. Alley	3 - 14a	2 - 30a	3 - 20a	3 - 15a	1 - 40	2 - 30	1 - 40	1 - 40	--
76.3	Hanscom Air Base - Alewife Sta.	3 - 30	2 - 60	2 - 60	3 - 30	1 - 60	2 - 60	2 - 60	2 - 60	--
77	Arlington Heights - Bennett St. Alley	12 - 6	7 - 11	9 - 8	13 - 6	5 - 12	9 - 8	9 - 8	9 - 8	4 - 15
78.1	Arlmont Village - Bennett St. Alley	4 - 14	2 - 30	4 - 20	4 - 15	1 - 60	2 - 30	1 - 60	1 - 60	--
79	Arlington Heights - Alewife Sta.	6 - 8	2 - 25	3 - 17	6 - 9	1 - 45	--	--	--	--
88	Arlington Center - Lechmere Sta.	5 - 15	2 - 35	4 - 20	5 - 15	1 - 60	2 - 35	1 - 60	1 - 60	--
83.1	Rindge Avenue - Central Square, Cambridge	7 - 8	2 - 30	4 - 15	4 - 15	1 - 60	2 - 25	1 - 60	1 - 60	--
84.1.2	Arlmont Loop - Alewife Sta.	1 - 38	-	-	2 - 17	-	-	-	-	--
85	Spring Hill - Kendall Sta.	1 - 38	1 - 40	1 - 40	1 - 40	-	-	-	-	--
86	Sullivan Sta. - Cleveland Circle	4 - 23	2 - 35	4 - 20	5 - 20	1 - 60	2 - 40	1 - 60	1 - 70	--
87	Clarendon Hill - Lechmere Sta. Via Som.	-	-	-	-	2 - 30	3 - 24	2 - 30	2 - 30	--
87.2	Arlington Center - Lechmere Sta. Via Som.	4 - 16	3 - 25	4 - 18	5 - 15	-	-	-	-	--
88	Clarendon Hill - Lechmere Sta. Via Maind.	8 - 7/8	2 - 25	4 - 15	5 - 12	1 - 30	2 - 24	1 - 30	1 - 30	--
250.4	Burlington - Alewife Sta.	5 - 14	2 - 60	2 - 60	6 - 20	2 - 60	2 - 60	2 - 60	2 - 60	2 - 50
	Supplements	1	-	18	-	-	-	-	-	--
	Total Buses	90	40	77	85	20	44	44	22	
	TRACKLESS TROLLEY	.	.	.	.	.	.	.	.	
71	Watertown Square - Harvard Subway	7 - 7	4 - 12	6 - 9	6 - 8/9	1 - 38	4 - 12	4 - 12	4 - 12	B
72	Aberdeen & Mt. Auburn - Bennett St. Alley	2 - 15	1 - 30	2 - 15	2 - 15	1 - 38	1 - 38	1 - 38	1 - 38	B
73	Waverley Square - Harvard St.	6 - 9	-	-	-	2 - 30	4 - 12	4 - 12	4 - 12	B
73.1	Waverley Square - No. Cambridge	8 - 9	6 - 12	8 - 9	14 - 4/5	-	-	-	-	--
RAD	Run As Directed	-	-	-	-	-	-	-	-	--
	Total Trackless Trolley	23	11	16	22	4	9	9	9	--

NOTES:

B = BUS INSTEAD OF T.T.

I = IRREGULAR SERVICE

H = HEADWAY

V = VEHICLES

P.M. BASE PEAK = 1:15 - 3:05

FOOTNOTES: a = 12 trips/day via Huron Ave. (74.1)



ROUTE NO.	TERMINALS	WEEKDAY						WEEKEND		
		A.M. PEAK V. H.	A.M. BASE V. H.	P.M. BASE V. H.	P.M. PEAK V. H.	LATE V. H.	SATURDAY PEAK V. H.	SUNDAY PEAK V. H.		
14	Roslindale Square - Dudley Square	1 - 60	1 - 60	1 - 60	1 - 60	—	—	—	—	—
24	Wakefield Ave. - Mattapan Sta.	2 - 20	1 - 50	2 - 30	2 - 25	1 - 60a	1 - 50	1 - 60	—	—
26.1	Ashmont Sta. - Norfolk & Washington Belt	1 - 30	1 - 30	1 - 30	1 - 30	—	—	1 - 30	1 - 30	1 - 60
26.2	Ashmont Sta. - Washington & Norfolk Belt	1 - 30	—	—	1 - 30	1 - 30	—	—	—	—
27	Mattapan Sta. - Ashmont Sta.	1 - 30	— 30	1 - 30	1 - 30	— 30	1 - 30	—	—	—
28	Mattapan Sta. - Ruggles Sta. via Dudley	10 - 8	6 - 13	9 - 9	11 - 8	3 - 20	7 - 11	4 - 17	—	—
29	Mattapan Sta. - Ruggles Sta.	—	—	—	—	3 - 20	—	—	—	—
29.2	Wellington Hills - Ruggles Sta.	7 - 8	—	2 - 20	8 - 8	—	—	—	—	—
29.3	Mattapan - Egleston via Frank Fld Housing	—	1 - 30	—	—	—	—	—	—	—
30	Mattapan Sta. - Roslindale Square	2 - 20	2 - 30b	2 - 20	2 - 20	1 - 60b	1 - 40	— 60	—	—
31	Mattapan Sta. - Forest Hills Sta.	5 - 8	3 - 12	4 - 10	5 - 8	1 - 40	4 - 10	2 - 20	—	—
32	Cleary Square - Forest Hills Sta.	4 - 12	—	—	4 - 14	—	—	—	—	—
32.1	Wolcott Square - Forest Hills Sta.	4 - 12	3 - 15	4 - 15	3 - 14	1 - 30	4 - 12	1 - 38	—	—
33.5	River & Milton Sts. - Mattapan Sta.	1 - 60	1 - 60	1 - 60	1 - 60	—	1 - 60	—	—	—
34	Dedham Line - Forest Hills Sta.	5 - 9	2 - 30	3 - 15	7 - 7/8	1 - 60	2 - 30	1 - 38	—	—
34.7	Walpole - Forest Hills Sta.	7 - 20	5 - 30	5 - 30	7 - 20	1 - 60d	4 - 30	—	—	—
34.9	East Walpole - Dedham	—	—	—	—	—	—	1 - 60	—	—
35.1	Dedham Mall - Forest Hills Sta.	3 - 20c	2 - 30	4 - 15	6 - 12	—	2 - 30	1 - 60	—	—
36	Charles River Loop - Forest Hills Sta.	5 - 11	2 - 30	2 - 30	5 - 12	2 - 30	2 - 30	2 - 30	2 - 30	—
37	Baker & Vermont Sts. - Forest Hills Sta.	3 - 20	2 - 30	2 - 30	4 - 13	—	2 - 30	1 - 60	—	—
38	Wren St. - Forest Hills Sta.	2 - 22	1 - 40	1 - 40	2 - 22	1 - X	1 - 40	1 - 40	1 - 40	—
48	Georgetowne - Forest Hills Sta. via Alwin	2 - 30	1 - 50	2 - 30	2 - 30	—	1 - 60	—	—	—
41	Centre & Eliot Sts. - Dudley Square	2 - 18	1 - 34	2 - 20	2 - 20	1 - 30	1 - 35	—	—	—
42	Forest Hills Sta. - Ruggles Sta. via Wash.	3 - 20	3 - 20	3 - 20	3 - 20	1 - 50	3 - 18	1 - 58	—	—
42.1	Forest Hills Sta. - Dudley Square	2 - 20	—	2 - 20	—	—	—	—	—	—
46	Heath St. & So. Huntington - Dudley Sq.	1 - 30	1 - 30	1 - 30	1 - 30	—	1 - 30	—	1 - 30	—
48	Centre & Eliot Sts. - Jamaica Plain Loop	—	1 - 30	1 - 30	—	—	—	1 - 30	—	—
58	Cleary Square - Forest Hills Sta.	3 - 20	1 - 60	2 - 20	3 - 20	—	1 - 60	—	—	—
51	Cleveland Circle - Forest Hills Sta.	3 - 20	1 - 60	4 - 20	3 - 20	1 - 60	1 - 60	—	—	—
52.1.7	Dedham Mall - Watertown Square	5 - 30	2 - 45c	3 - 45c	3 - 30c	—	2 - 45c	—	—	—
195	Shattuck Hospital - Park & Tremont	- X	—	—	—	—	— X	— X	—	—
RAD	Ruggles Sta.	1 - X	—	1 - X	1 - X	—	—	—	—	—
	Supplements	- 23	—	37	—	—	—	—	—	—
	Subtotal	109	44	102	89	19	44	17		
39.3	Forest Hills Sta. - Back Bay Station	24 - 3	11 - 6/7	15 - 5	22 - 4	11 - 6	11 - 6/7	9 - 7		
	Subtotal	24	11	15	22	11	11	9		
	Total	133	55	117	111	30	55	26		

H = HEADWAY

V = VEHICLES

X = IRREGULAR SERVICE

P.M. BASE PEAK = 1:30 - 3:00

a = Wakefield Ave. - Ashmont Sta.

b = Roslindale Square - Ashmont Sta.

c = From Stinson &amp; Washington Sts.

d = From East Walpole (34.8)

(SUNDAY AND EVENINGS ONLY)

e = alternating trips via Community Center



ROUTE NO.	TERMINALS	WEEKDAY						WEEKEND		
		A.M.		P.M.		PEAK	LATE	SATURDAY	SUNDAY	
		PEAK	BASE	BASE	V. H.			V. H.	V. H.	
34.1	Medford Square - Davis Square Sta.	2 - 22	2 - 48	2 - 48	3 - 28					
95	West Medford - Sullivan Sta.	6 - 15	2 - 30	2 - 38	4 - 15	C		C		
96	Medford Sq. - Bennett Alley via George	3 - 20	1 - 48	1 - 48	3 - 20	C		C		C
37.5	Malden Sta. - Wellington Sta. via Commerc.	2 - 38	1 - 68	1 - 68	2 - 30					
99.7	Upper Highland Ave. - Wellington Sta.	3 - 20	2 - 38	3 - 28	3 - 20	C		C		C
100.0	Elm Street - Wellington Sta.	2 - 28	2 - 28	2 - 28	2 - 28	C		C		C
101	Salem Street - Sullivan Sta.	3 - 15	-	-	-					
101.3	Malden Sta. - Sullivan Sta.	6 - 12	C	2 - 15	6 - 12	C		C		C
105.1	Malden Sta. - Sullivan Sta. via Faulkner	2 - 38	1 - 68	1 - 68	2 - 30					
106	Lebanon - Wellington Sta.	3 - 28	2 - 38	3 - 28	4 - 28	C		C		C
106.4	Lebanon - Malden Sta.	2 - 28	--	--	--					
108.6	Linden Square - Wellington Sta.	4 - 25	3 - 38	4 - 28	3 - 28	C		C		C
108.7	Linden Square - Malden Sta.	2 - 27	--	--	--					
110	Wonderland Sta. - Wellington Sta.	--	--	--	1 - X					
130	Wyoming Sq. or Lebanon - Malden Sta.	2 - 38	1 - 68	2 - 30	2 - 30			C		C
131.1	Melrose Highlands - Malden Sta.	2 - 38	1 - 68	1 - 68	2 - 30					
134.5	North Woburn - Wellington Sta.	2 - 68	2 - 68	2 - 68	2 - 68			C		C
134.6	Winthrop Street - Wellington Sta.	2 - 48	1 - 68	1 - 68	2 - 28			C		C
136.5	Reading Sq. - Malden Sta. via Lakeside	3 - 38	2 - 68	2 - 68	2 - 45					
137.3	Reading Sq. - Malden Sta. via North St.	3 - 38	1 - 68	1 - 68	3 - 30					
325.1	Elm Street - Haymarket Sta.	5 - 18	-	-	5 - 12					
326.1	West Medford - Haymarket Sta.	5 - 18	-	-	5 - 12					
411.8	Malden Sta. - Revere House	-	1 - 68	2 - 45	2 - 50			C		
-38.1	Appleton St., Saucus - Malden Sta.	2 - 48	2 - 68	1 - X	2 - 45			C		
-38.6	Granada Highlands - Malden Sta.	1 - 35	a	a	a			a		
	Supplements	5	--	14	-					
	Total	72	27	47	68					

H = HEADWAY

V = VEHICLES

X = IRREGULAR HEADWAY

C = CHARLESTOWN GARAGE

P.M. BASE PEAK = 1:38 - 3:08

FOOTNOTES: a = Serviced by Rte. #411.8



ROUTE NO.	TERMINALS	WEEKDAY				WEEKEND			
		A.M. PEAK		P.M. BASE		P.M. PEAK		SATURDAY	
		V.	H.	V.	H.	V.	H.	V.	H.
89	Clarendon Hill - Sullivan Sta.	6 - 9		2 - 38		4 - 15		6 - 9/10 <sup>a</sup>	1 - 60
90	Davis Square Sta. - Wellington Sta.	3 - 38		1 - 70		2 - 35		2 - 35	1 - 60
91	Sullivan Sta. - Central Sq. Cambridge	2 - 25		2 - 25		2 - 25		1 - 60	2 - 20
92.3	Sullivan Sta. - Franklin & Wash. via Main	5 - 10		2 - 38 <sup>a</sup>		2 - 38 <sup>a</sup>		5 - 13	2 - 38 <sup>a</sup>
93.1	Sullivan Sta. - Franklin & Washington Sta.	10 - 5/6		3 - 20		3 - 20		9 - 7	1 - 30 <sup>b</sup>
94.1	Medford Square - Davis Square Sta.	F		F		F		F	1 - 40
95	West Medford - Sullivan Sta.	F		F		F		F	1 - 60
96	Medford Sq. - Bennett Alley via George	F		F		F		F	1 - 60
97.5	Malden Sta. - Wellington Sta. via Commercial	F		F		F		F	1 - 58
99.7	Upper Highland Ave. - Wellington Sta.	F		F		F		F	1 - 60
100.3	Elm Street - Wellington Sta.	F		F		F		F	1 - 30
101.4	Malden Sta. - Sullivan Sta. via Malden Sq.	F		2 - 38		3 - 15		F	1 - 60 <sup>c</sup>
104	Malden Sta. - Sullivan Sta. via Ferry St.	5 - 12		2 - 38		4 - 20		4 - 15	1 - 60
105.1	Malden Sta. - Sullivan Sta. via Faulkner	F		F		F		F	1 - 60
106	Lebanon - Wellington Sta.	F		F		F		F	1 - 60
108.6	Linden Square - Wellington Sta.	F		F		1 - X		F	1 - 60
109	Linden Square - Sullivan Sta.	5 - 12		2 - 38		3 - 20		4 - 15	1 - 60
110	Wonderland Sta. - Wellington Sta.	6 - 20		2 - 38		2 - 38		5 - 20	1 - 60
110.4	Woodlawn - Wellington Sta.	- 20d		-		-		- 20d	1 - 60
111.5	Woodlawn - Haymarket Sta.	12 - 5		4 - 15		4 - 15		9 - 6	4 - 15
112	Wellington Sta. - Maverick Sta.	3 - 38		3 - 38		3 - 38		3 - 38	3 - 30
130	Woburn Sq. or Lebanon - Malden Sta.	-		-		-		-	1 - 60
131.1	Melrose Highlands - Malden Sta.	F		F		F		F	-
134.5	North Woburn - Wellington Sta.	F		F		F		F	2 - 60
134.7	Medford Square - Wellington Sta.	F		F		F		F	1 - 40
136.5	Reading Sq. - Malden Sta. via Lakeside	F		F		F		F	3 - 60
137.3	Reading Sq. - Malden Sta. via North St.	F		F		F		F	1 - 60
352	Burlington Line - Haymarket Sta. via I-93	8 - 10h		-		-		6 - 15	-
352.1	Burlington Line - Park Plaza via I-93/95	-		-		-		1 - X	-
353	Burlington Ind. Area - Haymarket Sta.	- 30		-		-		3 - 25	-
354	Woburn Line - Haymarket Sta.	9 - 10a		-		-		5 - 15	-
411.8	Malden Sta. - Revere House	-		-		-		-	2 - 60
438.1	Abbotton St., Saugus - Malden Sta.	-		-		-		-	1 - 60
	Supplements	1		-		21		-	-
	Total	75		25		54		64	20
									51
									18

F = FELSWAY BARRAGE

H = HEADWAY

V = VEHICLES

I = IRREGULAR

P.M. BASE PEAK = 1:20 - 3:00

a = To Assembly Sq. Mall e = To Winthrop St.

b = To Haymarket Sta. only f = To Cooley Sq.

c = Salem St. Only g = To Park Sq.

d = To Broadway &amp; Park Sta. h = Maverick Sta. via Mystic Mall

FOOTNOTES:

c = Salem St. Only

d = To Broadway &amp; Park Sta.

h = Maverick Sta. via Mystic Mall

g = To Park Sq.

f = To Cooley Sq.

e = To Winthrop St.

a = To Assembly Sq. Mall

b = To Haymarket Sta. only

c = Salem St. Only

d = To Broadway &amp; Park Sta.

h = Maverick Sta. via Mystic Mall

g = To Park Sq.

f = To Cooley Sq.

e = To Winthrop St.

a = To Assembly Sq. Mall

b = To Haymarket Sta. only

c = Salem St. Only

d = To Broadway &amp; Park Sta.

h = Maverick Sta. via Mystic Mall

g = To Park Sq.

f = To Cooley Sq.

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a = To Assembly Sq. Mall

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ROUTE NO.	TERMINALS	WEEKDAY						WEEKEND				
		A.M. PEAK		A.M. BASE		P.M. BASE		P.M. PEAK	LATE	SATURDAY PEAK	SUNDAY PEAK	
		V.	H.	V.	H.	V.	H.	V.	H.	V.	H.	
28	Fields Corner Sta. - Neponset & Adams	2	- 12b	1	- 38	1	- 38	1	- 38	1	- 38	
28.6.8	Fields Corner Sta. - Adams & Keystone	1	- 38	1	- 38	2	- 15	2	- 15	--	1	- 38
218	Quincy Sta. - No. Quincy Sta. Via Hancock	-	38	1	- 38	1	- 38	-	-	1	- 38	
218.3	Quincy Sta. - Fields Corner Sta.	2	- 38	-	-	2	- 38	2	- 38	-	-	
211	Quincy Sta. - Squantum	1	- X	1	- 60	2	- 38	2	- 38	-	1	- 68
212.2	Quincy Sta. - North Quincy Sta.	1	- 38	-	-	1	- 28	1	- 60	-	1	- 68
214.1	Quincy Sta. - Germantown	4	- 12	1	- 38	1	- 28	2	- 28	-	2	- 28
215.1	Quincy Sta. - Ashmont Sta. Via W. Quincy	3	- 28	2	- 38	2	- 28	3	- 38	1	- 60	
216.2	Quincy Sta. - Houghs Neck	5	- 9	2	- 38	3	- 28	2	- 28	2	- 28	
217	Hollaston - Ashmont Sta.	2	- 38	1	- 60	2	- 60	2	- 38	-	1	- 68
220	Quincy Sta. - Hingham Center	--	-	1	- 60	1	- 60	-	-	1	- 68	
220.1	Quincy Sta. - Hingham Ctr (Main & Central)	6	- 10	1	- 60	1	- 60	6	- 10	-	1	- 60
221	Quincy Sta. - Fort Point	1	- X	-	-	1	- X	1	- X	-	-	
222	Quincy Sta. - East Weymouth	5	- 11	2	- 38	2	- 38	4	- 15	1	- 60	
225.1	Quincy Sta. - Weymouth Via Desmoines	5	- 28	1	- 60	1	- 60	5	- 28	1	- 60	
225.4	Quincy Sta. - Weymouth Landing	-	28	1	- 60	1	- 60	-	20	-	1	- 60
238.3	Quincy Sta. - Brockton Line	4	- 28	2	- 60	2	- 60	4	- 28	1	- 60	
236.2	Quincy Sta. - S. Sh. Plaza Via Br'ntr Sta.	1	- X	1	- 60	1	- 60	2	- 38	-	1	- 68
238.4	North Randolph - So. Shore Plaza	-	-	-	-	-	-	-	-	1	- 68	
238.7	Quincy Sta. - Crawford Square	2	- 38	1	- 60	2	- 60	3	- 38	1	- 60	
248	Crawford Square - Ashmont Sta.	6	- 28	2	- 60	2	- 60	7	- 28	-	2	- 60
248.1	Avon Line - Ashmont Sta.	-	28	-	60	-	60	-	28	1	- 60	
245.4	Quincy Sta. - Mattapan Sta.	2	- 38	1	- 60	1	- 60	3	- 38	-	1	- 60
276	Boston City Hospital - Long Island	3	- X	-	-	-	-	3	- X	-	3	- X
277	Shattuck Hospital - Downtown Boston	1	- X	-	-	-	-	-	-	1	- X	
RAD	Run As Directed	1	- X	-	-	-	-	-	-	-	-	
	Supplements	18	-	-	21	-	-	-	-	-	-	
	Total	68	-	23	53	53	-	9	30	-	13	

X = IRREGULAR SERVICE

NOTES:

H = HEADWAY

V = VEHICLES

P.M. BASE PEAK = 2:00 - 3:00

FOOTNOTES: a = Layover at Adams &amp; Sullivan



ROUTE NO.	TERMINALS	WEEKDAY						WEEKEND		
		A.M.		P.M.		P.M.		SATURDAY	SUNDAY	
		PEAK	BASE	BASE	PEAK	LATE	PEAK	PEAK	PEAK	
V.	H.	V.	H.	V.	H.	V.	H.	V.	H.	
116.4	Wonderland Sta. - Maverick Sta. Via Revere	4 - 17	3 - 38	4 - 28	4 - 28	1 - 68	3 - 38	1 - 68	3 - 38	1 - 68
117.5	Wonderland Sta. - Maverick Sta. Via Beach	4 - 17	2 - 38	3 - 28	3 - 28	1 - 68	2 - 38	1 - 68	2 - 38	1 - 68
119.1	North Gate - Beachmont Sta.	2 - 38a	1 - 68	2 - 38	2 - 38	—	—	1 - 68	—	—
119.3	Revere City Hall - Beachmont Sta.	—	—	—	—	1 - 48	—	—	1 - 48	—
120	Orient Heights Sta. - Maverick Sta.	5 - 13	3 - 28	4 - 15	4 - 15	1 - 68	2 - 38	1 - 68	2 - 38	1 - 58
121	Wood Island Sta. - Maverick Sta.	1 - 38	—	—	1 - 25b	—	—	—	—	—
181	Wonderland Sta. - Orient Heights Sta.	—	—	—	—	—	—	—	—	—
408	Lynn - Boston Via Common	5 - 15	3 - 38	3 - 38	6 - 15	1 - 68	3 - 38	1 - 68	3 - 38	2 - 38
426	Lynn - Boston Via Cliftondale	6 - 15	2 - 68	2 - 68	5 - 15	1 - 88	2 - 68	2 - 68	2 - 68	2 - 68
426.3	West Lynn - Boston	3 - X	—	—	4 - X	—	—	—	—	—
426.4	Granada Hlnds - Haymarket Sta. Via Linden	2 - X	—	—	1 - X	—	—	—	—	—
426.5	Oaklandale - Haymarket Via Cliftondale	2 - X	—	—	1 - X	—	—	—	—	—
429.1	Central Square - North Saugus	2 - 38	1 - 68	2 - 38	2 - 38	—	1 - 68	—	—	—
433	Central Square - Pine Hill	1 - 48	1 - X	—	1 - 48	—	—	—	—	—
435.2	Central Square - Danvers Square	—	2 - 68	2 - 68	1 - X	—	3 - 38	—	—	—
436.2	Goodwin Circle - Boston Via Cliftondale	1 - X	—	—	1 - X	—	—	—	—	—
436.3	Central Square - Goodwin Circle	2 - 38	1 - 68	2 - 38	2 - 38	—	2 - 68	—	—	—
437.1	Central Square - Lakeside	2 - 38	1 - 68	2 - 38	2 - 38	—	1 - 68	1 - 68	1 - 68	1 - 48
439	Central Square - Nahant	1 - 38	- X	—	1 - 38	—	—	—	—	—
448	Lynn - Boston Via Lynnway	7 - 15	2 - 38	2 - 38	7 - 18	1 - 68	2 - 38	1 - 68	2 - 38	1 - 68
441	Central Square - Marblehead Via Vinnin	2 - 38	1 - 68	1 - 68	3 - 38	—	1 - 68	—	—	—
442	Central Square - Marblehead Via Humphrey	2 - 38	1 - 68	2 - 68	3 - 38	1 - 68	1 - 68	1 - 68	1 - 68	1 - 68
443	Central Square - Phillips Beach	- X	—	—	- X	—	—	—	—	—
458	Salem - Boston Via Western Avenue	8 - 28	2 - 68	2 - 68	8 - 28	1 - 98	2 - 68	1 - 68	2 - 68	1 - 68
458.3	Eastern Ave. - Boston Via Western Ave.	1 - 28	—	—	- 20	—	—	—	—	—
451	Salem Center - North Beverly	1 - 68	1 - 68	1 - 68	1 - 68	—	—	—	—	—
455	Central Square - Salem Center	2 - 38	2 - 38	2 - 38	2 - 38	1 - 68	2 - 38	1 - 68	2 - 38	1 - 68
458.1	Salem Center - Danvers Center	1 - X	1 - 68	1 - 68	1 - 68	—	—	—	—	—
468.4	Salem Center - Essex Aggie/Danvers Hosp.	1 - 68	—	1 - X	1 - X	—	—	—	—	—
478	Central Square - Riverworks	- X	—	—	- X	—	—	—	—	—
473	North Saugus - Riverworks	- X	—	—	—	—	—	—	—	—
475.6.7	Eastern Avenue - Riverworks	1 - X	—	—	1 - X	—	—	—	—	—
800	Run As Directed	1 - X	—	—	1 - X	—	—	—	—	—
	Supplements	7	—	16	—	—	—	—	—	—
	Total	77	38	54	69	10	28	13		

X = IRREGULAR SERVICE

H = HEADWAY

V = VEHICLES

P.M. BASE PEAK = 2:00 - 3:00

a = Linden Sq. - Beachmont St.

FOOTNOTES: b = Eagle Sq. - Maverick Sta.

c = Operates 12:04 A.M. - 1:02A.M.



## LINE STATISTICS

 BARGE: RAIL LINES  
 DATE: FALL 1990  
 (EFF: 9/8/90)

ROUTE NO.	TERMINALS	WEEKDAY						WEEKEND		
		A.M. PEAK	A.M. BASE	P.M. BASE	P.M. PEAK	LATE	SATURDAY	SUNDAY		
		V. H.	V. H.	V. H.	V. H.	V. H.	V. H.	V. H.	V. H.	
<b>GREEN LINE DIVISION</b>										
<b>RESERVOIR STATION</b>										
812	Boston College - Government Center Sta.	20 T- 5	18 S- 5	18 S- 5	20 T- 5	8 S- 10	13 T- 7	17 S- 5		
831	Cleveland Circle - North Sta.	14 T- 6	16 S- 5	17 S- 5	14 T- 6/7	7 S- 10	16 S- 5	12 S- 6/7		
842	Reservoir - Government Center	9 S- 7	—	—	6 S- 10	—	10 S- 6	—		
852	Riverside - Government Center Sta.	16 T- 6	18 T- 10	18 T- 10	16 T- 6	9 S- 10	16 S- 6	14 S- 6/7		
888	Heath St. - Lechmere Sta.	18 T- 8	8 T- 9	8 T- 9	18 T- 8	7 S- 10	11 S- 6/7	18 S- 6/7		
RAD	Boston & College	—	—	1 S- X	1 S- X	—	—	2 S- X		
RAD	Lechmere	1 S- X	—	1 S- X	1 S- X	1 S- X	—	—		
RAD	Riverside	1 S- X	1 S- X	1 S- X	2 S- X	—	1 S- X	2 S- X		
RAD	Cleveland Circle	2 S- X	—	1 S- X	1 S- X	1 S- X	2 S- S	1 S- X		
	TOTAL CARS	133	71	75	131	33	82	58		
<b>MATTAPAN STATION</b>										
899	Mattapan Sta. - Ashmont Sta.	6 S- 4	3 S- 8	5 S- 5	6 S- 4	2 S- 11	3 S- 8	2 S- 11		
	TOTAL CARS	6	3	5	6	2	3	2		
<b>RAPID RAIL DIVISION</b>										
<b>ORANGE LINE</b>										
983	Oak Grove Sta. - Forest Hills St.	17L- 4/5	10 F- 8	10 F- 8	17L- 4/5	6 T- 13	8 F- 10	6 T- 13/14		
	TOTAL CARS	102	40	40	102	12	32	12		
<b>RED LINE</b>										
931	Alewife Sta. - Ashmont Sta.	7 F- 18	8 F- 12	8 F- 12	7 F- 18	8 T- 12	7 F- 13	6 T- 14/15		
933	Alewife Sta. - Braintree Sta.	5 L- >	—	—	5 L- >	—	—	—		
		5 F- 18	9 F- 12	9 F- 12	5 F- 18	9 T- 12	8 F- 13	7 T- 14/15		
		9 L- >	—	—	9 L- >	—	—	—		
RAD	Run As Directed - South Shore	3 L- X	—	—	3 L- X	—	—	—		
	TOTAL CARS	150	68	68	150	34	60	26		
<b>BLUE LINE</b>										
946	Wonderland Sta. - Bowdoin/Gov't.Ctr. Sta.	15 F- 3	6 F- 7/8	6 F- 7/8	15 F- 3	4 F- 11	6 F- 7/8	5 F- 9		
	TOTAL CARS	60	24	24	60	16	24	20		

X = IRREGULAR SERVICE

L = SIX CAR TRAIN S = SINGLE CAR TRAIN

NOTES:

H = HEADWAY

FOOTNOTES: K = THREE CAR TRAIN T = TWO CAR TRAIN

V = VEHICLES

F = FOUR CAR TRAIN



## RESERVOIR RATING STATION

FALL 1990

WEEKDAY TIMETABLE: EFFECTIVE 9/8/90

VEHICLE PULL-OUT AND PUT-UP LOCATIONS

## YARD

LINE	TOTAL VEHICLE	LAKE STREET	RESERVOIR	RIVERSIDE	LECHMERE	NO. STATION
<u>MORNING PEAK</u>						
812 Boston College	40	21	19	-	-	-
831 Cleveland Circle	28	-	28	-	-	-
852 Riverside	32	-	-	32	-	-
842 Reservoir	9	-	-	9	-	-
880 Lechmere/Heath	20	-	-	-	15	5
RAD's	4	-	3	1	-	-
	<u>133</u>	<u>21</u>	<u>50</u>	<u>42</u>	<u>15</u>	<u>5</u>
<u>AFTERNOON PEAK</u> (*)						
812 Boston College	40	36	4	-	-	-
831 Cleveland Circle	28	-	28	-	-	-
852 Riverside	32	-	-	32	-	-
842 Reservoir	6	-	-	6	-	-
880 Lechmere/Heath	20	-	-	-	20 **	-
RAD's	5	1	1	2	1	-
	<u>131</u>	<u>37</u>	<u>33</u>	<u>40</u>	<u>21</u>	<u>-</u>

\* Fifteen (15) of these cars pull out of Reservoir in the AM for the morning peak and return after the afternoon peak.

\*\* Five of these cars pull out of North Station in the AM for the morning peak and return during the late evening for overnight storage.



## SECTION V

### FARES AND REVENUE



## FARES

### Bus, Rapid Transit and Green Line Services

The MBTA employs a zoned fare structure. The basic adult cash fares are 75 cents for rapid transit and subway Green Line service, and 50 cents for trackless trolley and local bus service. The rapid transit lines are divided into three zones, with the maximum one-way fare at \$1.50. There are zoned fares on some local bus routes and a range of fares on express bus routes. Fares on the surface portion of the Green Line are paid on the inbound direction only and range from 75 cents to \$1.75.

The MBTA also offers a number of discount and reduced fares to eligible riders. Riders can purchase a variety of prepaid monthly passes for unlimited transportation. The elderly (65 and over) and persons with disabilities pay 10 cents for local bus and rapid transit service, and one-half the adult fare for express and zoned bus trips beyond the local area. Children under the age of 5 travel free of charge. Children between the ages of 5 and 12 pay half fare at all times. Students in kindergarten through 12th grade pay half fare during school hours if they have proper identification. Students can also obtain monthly passes from their schools.

The majority of fares are paid as passengers board buses and trolleys; however, there are certain trolley routes where passengers pay upon exiting when traveling outbound. Passengers pay as they enter rapid transit stations and also pay an additional fare as they leave the Zone 3 rapid transit stations (Quincy Adams and Braintree). In rapid transit stations, tokens are deposited before passengers pass through full fare turnstiles. At least two turnstiles per station are equipped to read electronically the prepared passes (not including student passes). Those who pay reduced fares or no fare use the turnstiles at the collector's booth. Gatemen's boxes, which allow passengers paying any type of fare to pass through, are open in several stations (primarily at peak travel times).

### Commuter Rail Service

The MBTA commuter rail routes are operated by Amtrak under a zoned fare structure. The system is divided into 12 zones with a maximum one-way fare at \$5.25. Interzone travel is allowed, and the fare is based upon the number of zones traveled. The maximum interzone one-way fare is \$3.50.

The MBTA offers a number of discount and reduced fares to eligible riders, senior citizens, students, persons with special needs and children, provided that proper identification is displayed upon boarding. The blind and children under the age of 5 when accompanied by an adult travel for free. Riders can purchase a variety of prepaid monthly passes for unlimited rides through the zone identified on the pass. They may also transfer free to all MBTA rapid transit and bus lines and an accompanying guest of the passholder may travel free on Sundays. Monthly passes are sold 10 days before the commencement of the month for which the pass is valid and no later than 15 days into the same month.

Other prepaid fare options include 12-ride tickets, 10 ticket multi-ride packs, family passes and group ticket purchases.

Tickets may be purchased on board from conductors and assistant conductors. However, a 50-cent surcharge is added when tickets are available for sale at the boarding station during hours when those outlets are open.





## MBTA CASH FARE AND MONTHLY PASS INFORMATION

### CASH FARES

		Adult	Children Ages 5-11 with CIS Students with C Card	5 Persons with CIS 30 Minutes with C Card	St. Children with CIS with C Card
<b>SUBWAY</b>	Orange, Red and Blue Lines (except Quincy Ctr, Quincy Adams & Braintree)	\$0.75	\$0.35	\$0.10	
	Quincy Ctr, Quincy Adams & Braintree	\$1.50	\$0.75	\$0.10	
<b>RED ORANGE BLUE</b>	75 cents rebate with warrant for local trips between Braintree and North Quincy				
	Exit fare at Quincy Adams and Braintree	\$0.75	\$0.35	NONE	
	Mattapan High Speed Line (inbound only)	\$0.50	\$0.25	\$0.10	
	Pay fare upon exiting vehicle. Free fare when exiting at Ashmont Station				
<b>GREEN LINE</b>	Subway Street Level, except Riverside (inbound)	\$0.75	\$0.35	\$0.10	
	Riverside Line (inbound only)				
	Fenway Park/Reservoir	\$0.90	\$0.45	\$0.10	
	Chestnut Hill/Riverside				
	To Boston/Brookline	\$1.75	\$0.85	\$0.10	
	Newton Local (with coupon)				
		\$0.90	\$0.45	\$0.10	
	Street level, all times (outbound only)	FREE	FREE	FREE	
<b>EXPRESS BUS</b>	Zone 1	\$1.25	\$0.60	\$0.60	
	Zone 2	\$1.65	\$0.80	\$0.80	
	Zone 3	\$1.90	\$0.95	\$0.95	
<b>LOCAL AND ZONED BUS</b>	Zone 1 (LOCAL)	\$0.50	\$0.25	\$0.10	
	Zone 2	\$0.75	\$0.35	\$0.35	
	Zone 3	\$1.00	\$0.50	\$0.50	
	Zone 4	\$1.25	\$0.60	\$0.60	
	Zone 5	\$1.50	\$0.75	\$0.75	
<b>TOKENS AND TICKETS</b>	Single token	\$0.75			
	Token Ten-Pak (one ride free)	\$7.50			
	\$1.75 Ten-Ride Ticket	\$16.50			
	\$1.90 Ten-Ride Ticket	\$18.00			

For travel information please  
call MBTA Customer Service at 722-3200



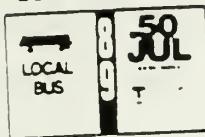


## MBTA MONTHLY PASS PROGRAM

Effective July 1, 1989

### PASSES

#### "LOCAL BUS"



**\$0.50** **\$18.00/MONTH**

- For the first 50 cents on any local bus or Trackless Trolley fare
- All street-level stops on the Green Line's B, C, or E branches
- Reservoir to Fenway Park on the D branch
- All Newton stops on the Green Line with additional 75 cents cash or Newton Local Coupon
- Mattapan High Speed Line

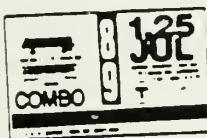
#### "SUBWAY"



**\$0.75** **\$27.00/MONTH**

- All 75 cent stations and stops on the Red, Blue, Orange and Green lines
- Mattapan High Speed Line
- Bus Route #49-Dudley Square to Downtown
- Bus Route #1-Dudley to Harvard Square (between Mass Ave station and Dudley only)
- Commuter Train Zones 1A and 1B

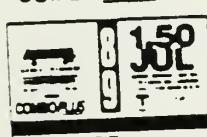
#### "COMBO"



**\$1.25** **\$40.00/MONTH**

- All local bus and trackless trolley routes
- All stations and stops on the Red, Blue, Orange and Green lines EXCEPT Quincy Adams and Braintree
- First \$1.25 on Express or Premium bus fares, difference in cash
- Commuter Train Zones 1A and 1B

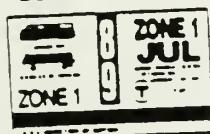
#### "COMBOPLUS"



**\$1.50** **\$48.00/MONTH**

- All "COMBO" services PLUS
- Quincy Adams and Braintree stations
- First \$1.50 on Express or Premium bus fares, difference in cash

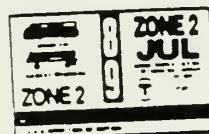
#### "ZONE 1"



**\$1.65** **\$52.00/MONTH**

- All "COMBOPLUS" services PLUS
- \$1.65 Express Bus
- Zone 1 Commuter Train

#### "ZONE 2"



**\$1.90** **\$61.00/MONTH**

- All "ZONE 1" services PLUS
- \$1.90 Express bus
- Zone 2 Commuter Train

For more information please call  
the MBTA's Pass Program at 722-5219

**THE T : ONE OF BOSTON'S LAST GREAT BARGAINS.**



REVENUE ANALYSIS: FISCAL 1983 - FISCAL 1989

<u>FISCAL YEAR</u>	<u>TOTAL REVENUE</u>	<u>FAREBOX AND OTHER REVENUE</u>	<u>PASS PROGRAM</u>	<u>AVG. WKDAY RIDERSHIP</u>
7/1/89-6/30/90	\$127,492,124	\$80,420,325	\$47,071,799	605,300
7/1/88-6/30/89	\$114,533,053	\$74,274,242	\$40,258,811	600,892
7/1/87-6/30/88	\$112,214,359	\$74,382,406	\$37,831,953	592,667
7/1/86-6/30/87	\$108,609,506	\$72,793,593	\$35,815,913	577,567
7/1/85-6/30/86	\$104,542,748	\$71,062,640	\$33,480,108	558,917
7/1/84-6/30/85	\$103,687,816	\$72,550,445	\$31,137,371	553,817
7/1/83-6/30/84	\$ 97,575,707	\$68,808,975	\$28,766,732	535,642
7/1/82-6/30/83	\$ 93,227,665	\$67,086,523	\$26,141,142	517,675

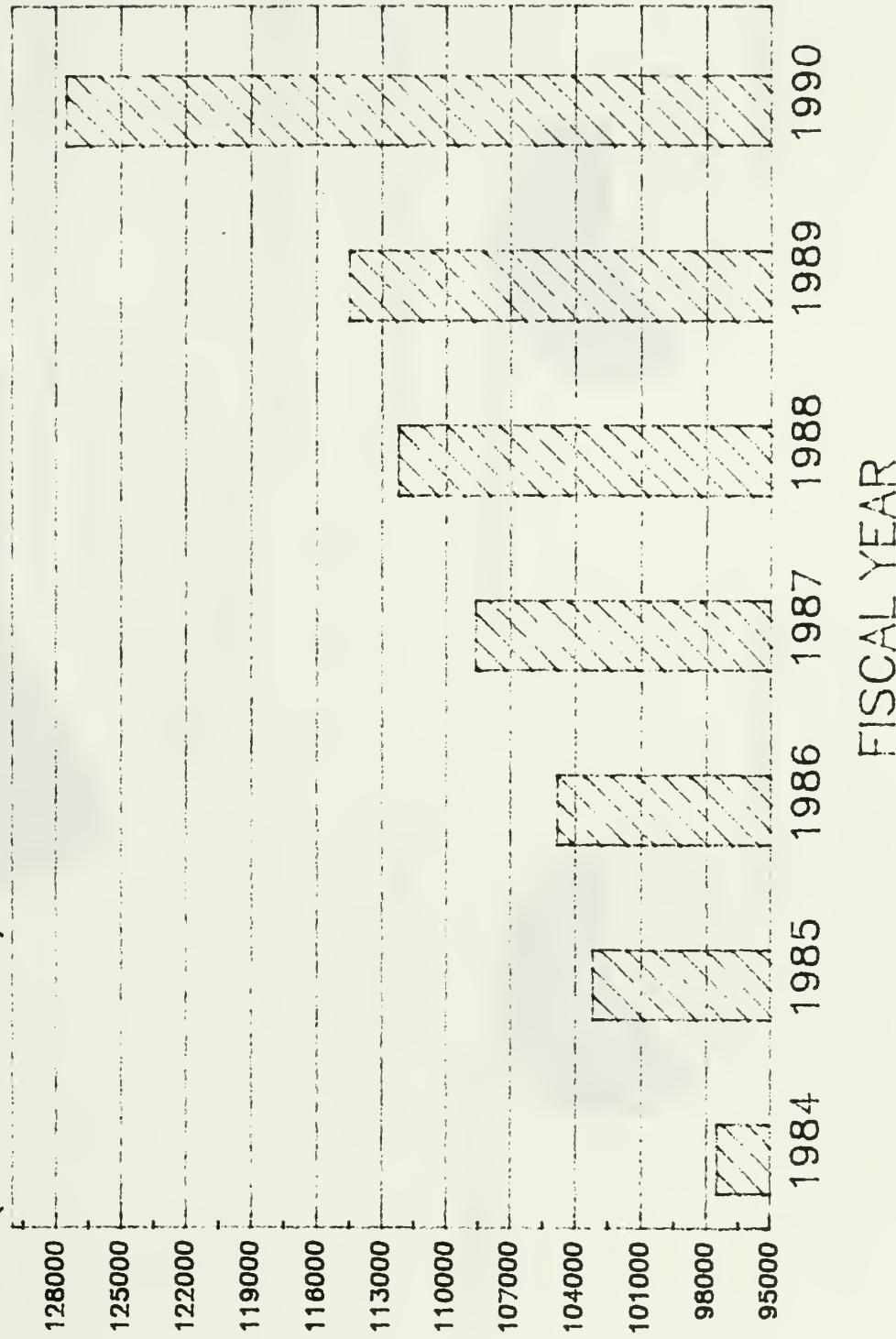


# REVENUE FROM TRANSPORTATION

## TOTAL REVENUE

1984

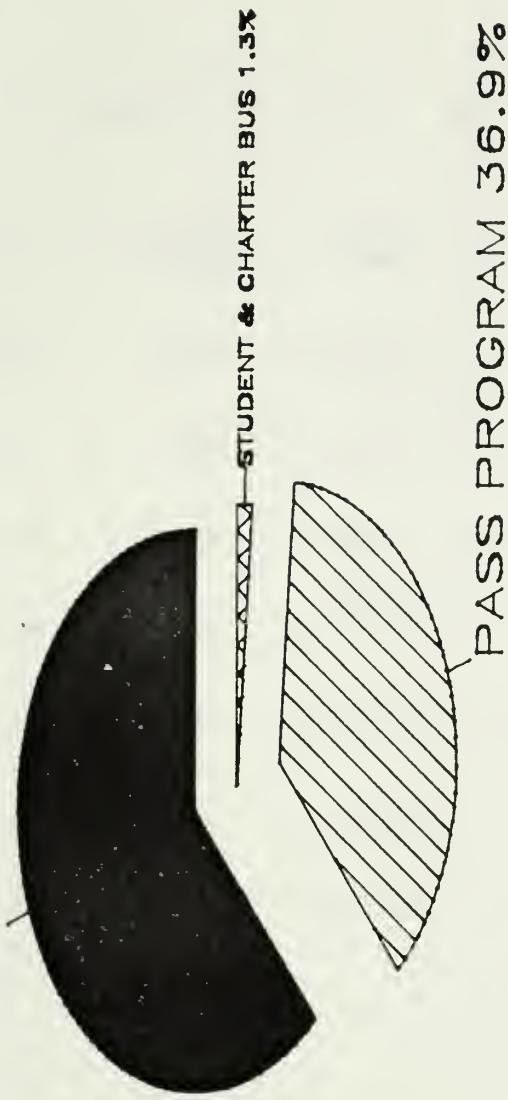
(\$ THOUSANDS)





# PASSENGER REVENUE

FAREBOX 61.8%



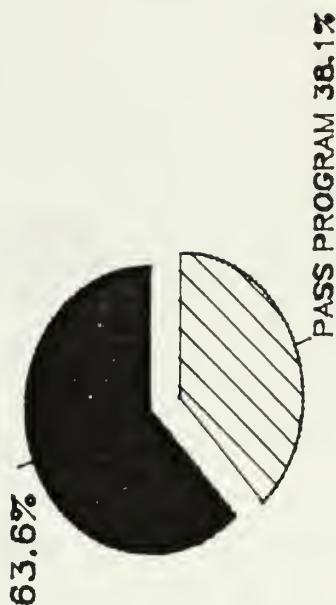
# RTL REVENUE

FAREBOX 61.9%



# SURFACE REVENUE

FAREBOX 63.6%





PASS PROGRAM ANALYSIS - JULY 1984 - JUNE 1990

FISCAL	TOTAL UNITS	AVG. MONTHLY UNITS SOLD	TOTAL REVENUE	AVG. MONTHLY REVENUE	% VARIANCE OVER PREVIOUS YEAR
1990	1,441,016	120,085	45,565,155	3,797,096	15.44%
1989	1,410,067	117,506	39,471,061	3,289,255	4.34%
1988	1,339,105	111,592	37,983,953	3,152,663	5.61%
1987	1,268,982	105,749	35,822,294	2,985,191	7.00%
1986	1,194,708	99,559	33,480,108	2,790,009	7.38%
1985	1,112,856	92,738	31,177,857	2,598,155	8.22%
1984	1,028,860	85,738	28,808,950	2,400,746	9.87%

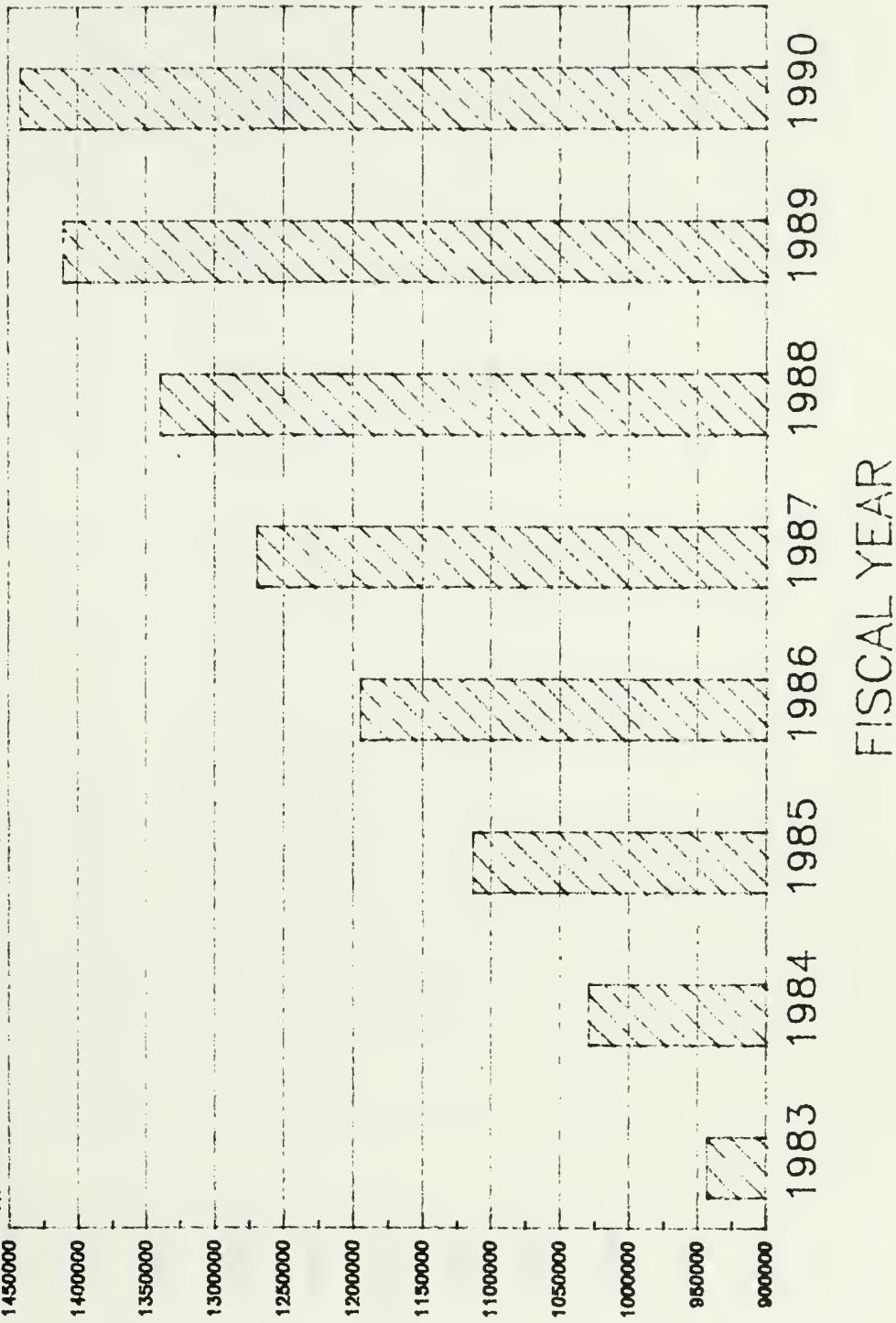


# PASS PROGRAM ANALYSIS

## TOTAL UNITS SOLD



(# OF PASSES SOLD)



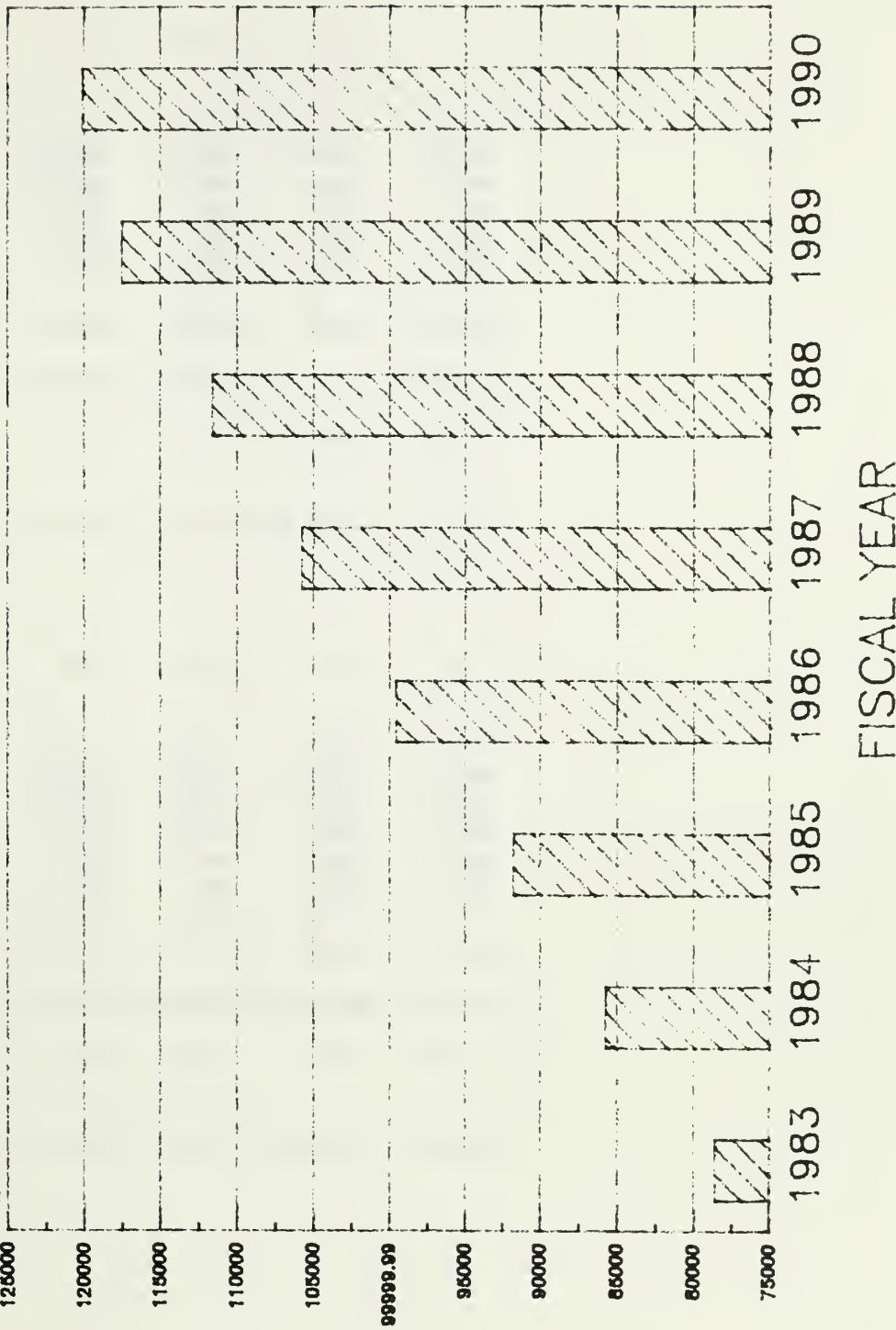


# PASS PROGRAM ANALYSIS

Avg Monthly Units Sold

1983

(# of Passes Sold)





MASSACHUSETTS BAY TRANSPORTATION AUTHORITY  
 PREPAID PASS SALES  
 FISCAL YEAR 1990

PASS TYPE	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
LOCAL BUS	16,240	15,978	17,296	16,661	19,077	16,922
SUBWAY	56,303	54,729	55,938	59,438	60,506	55,656
COMBO	35,722	33,789	36,149	37,994	38,905	37,000
COMBO PLUS	6,966	3,415	4,065	2,278	4,034	3,888
ZONE 1	1,180	1,344	1,196	1,719	1,560	1,854
ZONE 2	2,027	1,828	2,161	2,759	2,544	2,908
<b>TOTAL</b>	<b>118,438</b>	<b>111,083</b>	<b>116,805</b>	<b>120,849</b>	<b>126,626</b>	<b>118,228</b>
VALUE	\$3,760,720	\$3,462,117	\$3,656,696	\$3,791,454	\$3,963,118	\$3,747,662
S.C.	\$1,174	\$1,118	\$1,113	\$1,112	\$1,096	\$1,117
<b>TOTAL</b>	<b>\$3,761,894</b>	<b>\$3,463,235</b>	<b>\$3,657,809</b>	<b>\$3,792,566</b>	<b>\$3,964,214</b>	<b>\$3,748,779</b>

PASS TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUN.
LOCAL BUS	17,085	18,906	19,121	19,155	18,510	17,820
SUBWAY	54,020	58,282	58,083	55,814	55,753	54,569
COMBO	36,145	37,720	38,514	36,742	37,272	35,656
COMBO PLUS	3,935	4,089	4,109	3,745	3,925	3,684
ZONE 1	2,255	2,431	2,507	2,406	2,369	2,380
ZONE 2	3,573	3,715	3,785	3,605	3,674	3,629
<b>TOTAL</b>	<b>117,013</b>	<b>125,143</b>	<b>126,119</b>	<b>121,467</b>	<b>121,503</b>	<b>117,738</b>
VALUE	\$3,735,828	\$3,971,669	\$4,010,939	\$3,845,874	\$3,864,496	\$3,741,714
S.C.	\$1,099	\$1,071	\$1,044	\$1,004	\$983	\$937
<b>TOTAL</b>	<b>\$3,736,927</b>	<b>\$3,972,740</b>	<b>\$4,011,983</b>	<b>\$3,846,878</b>	<b>\$3,865,479</b>	<b>\$3,742,651</b>



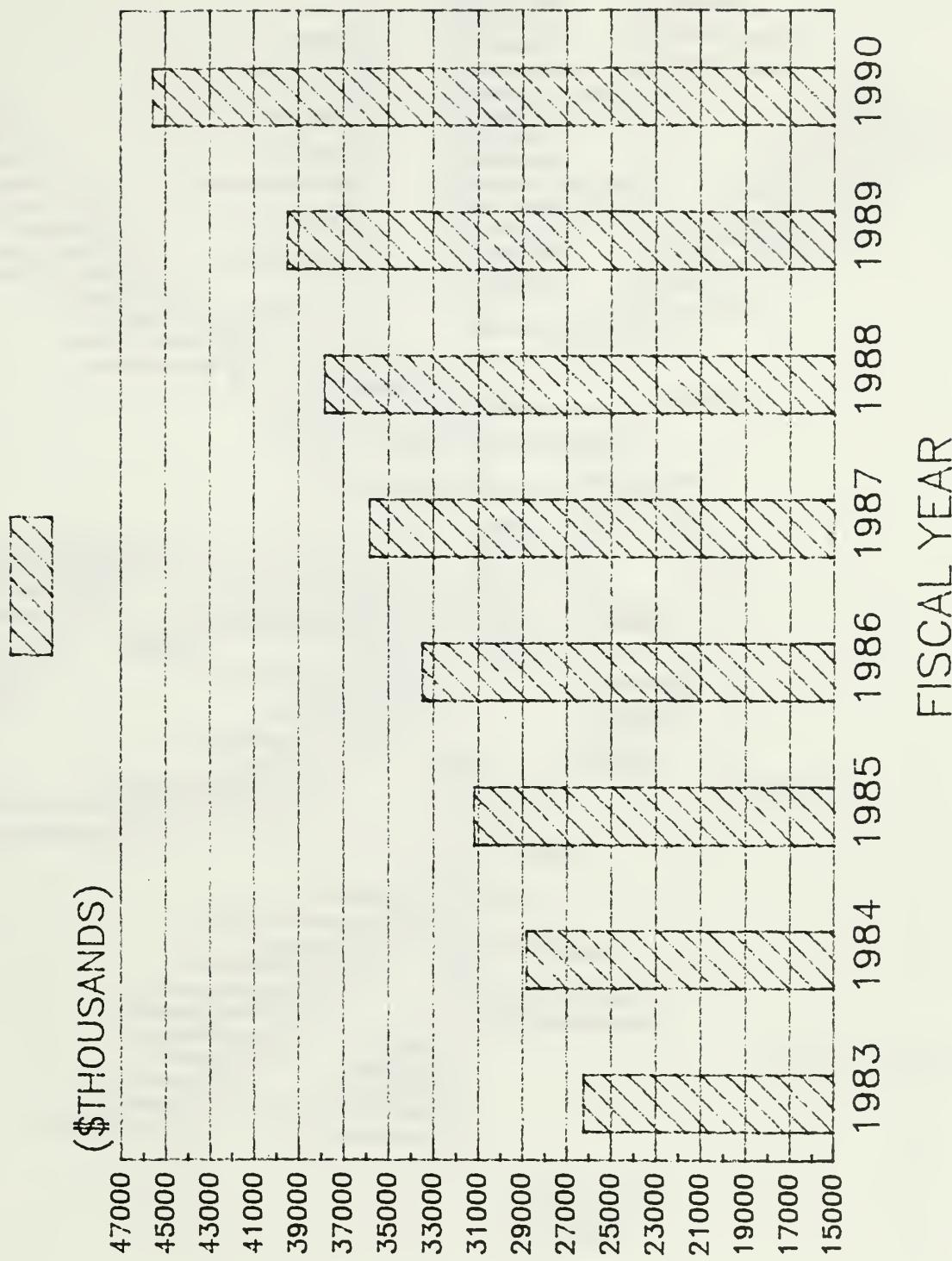
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY  
 PREPAID PASS SALES  
 FISCAL YEAR 1990  
 JULY 1, 1989 - JUNE 30, 1990

PASS TYPE	JULY 1, 1989- DECEMBER 31, 1989	JUNUARY 1, 1990- JUNE 30, 1990	FULL YEAR
LOCAL BUS	102,174	110,597	212,771
SUBWAY	342,570	336,521	679,091
COMBO	219,559	222,049	441,608
COMBO PLUS	24,646	23,488	48,134
ZONE 1	8,853	14,351	23,204
ZONE 2	14,227	21,981	36,208
 TOTAL	 712,029	 728,987	 1,441,016
VALUE	\$22,381,767	\$23,170,520	45,552,287
S.C.	\$6,730	\$6,138	12,868
 TOTAL	 \$22,388,497	 \$23,176,658	 \$45,565,155



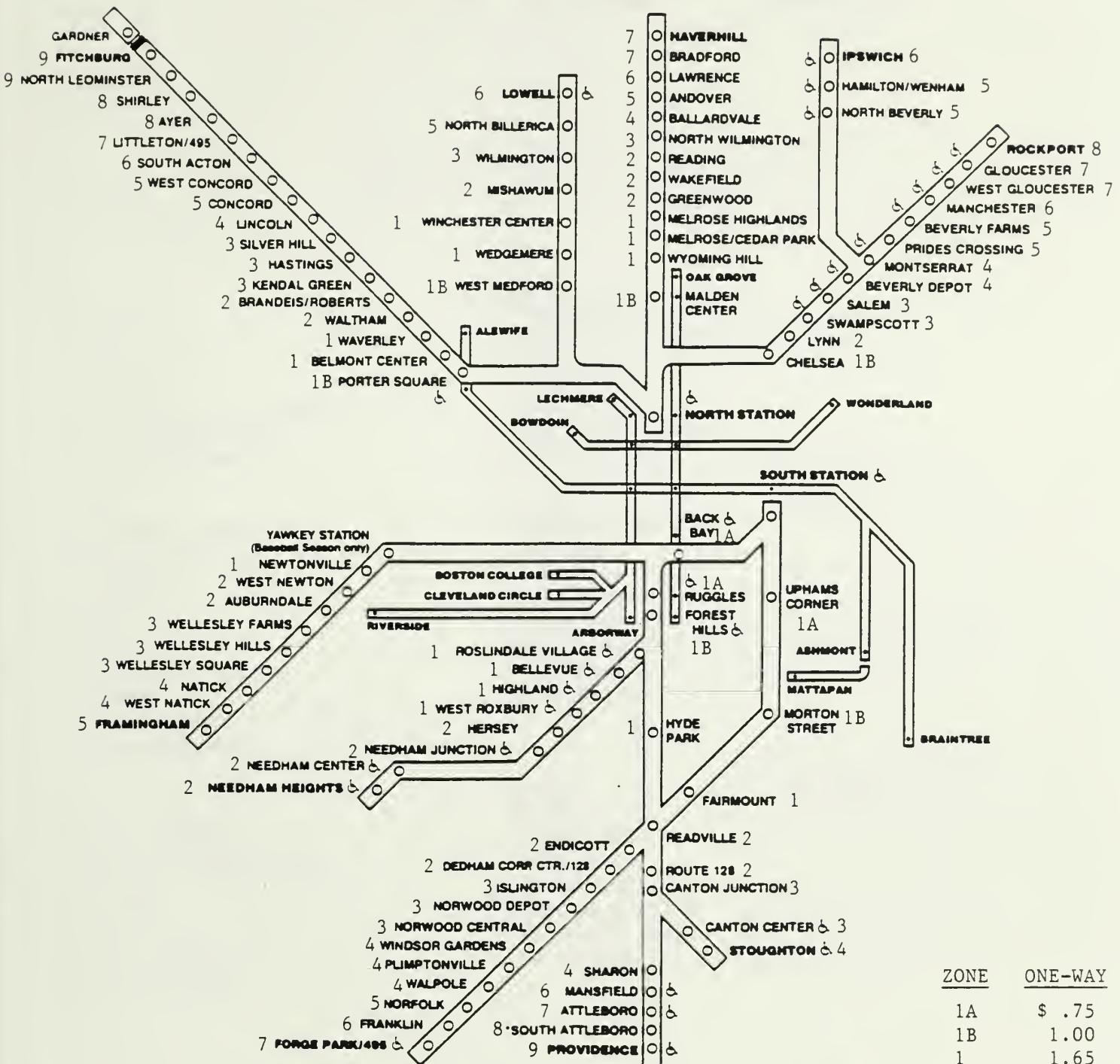
# PASS PROGRAM ANALYSIS

## TOTAL REVENUE





## RAIL ZONES AND FARES

 COMMUTER RAIL


ZONE	ONE-WAY
1A	\$ .75
1B	1.00
1	1.65
2	1.90
3	2.25
4	2.50
5	2.75
6	3.10
7	3.35
8	3.60
9	4.25

• Wheelchair Accessible  
 • Station to Open  
 • Bus Connection



MBTA COMMUTER RAIL FARE AND ZONE SHEET

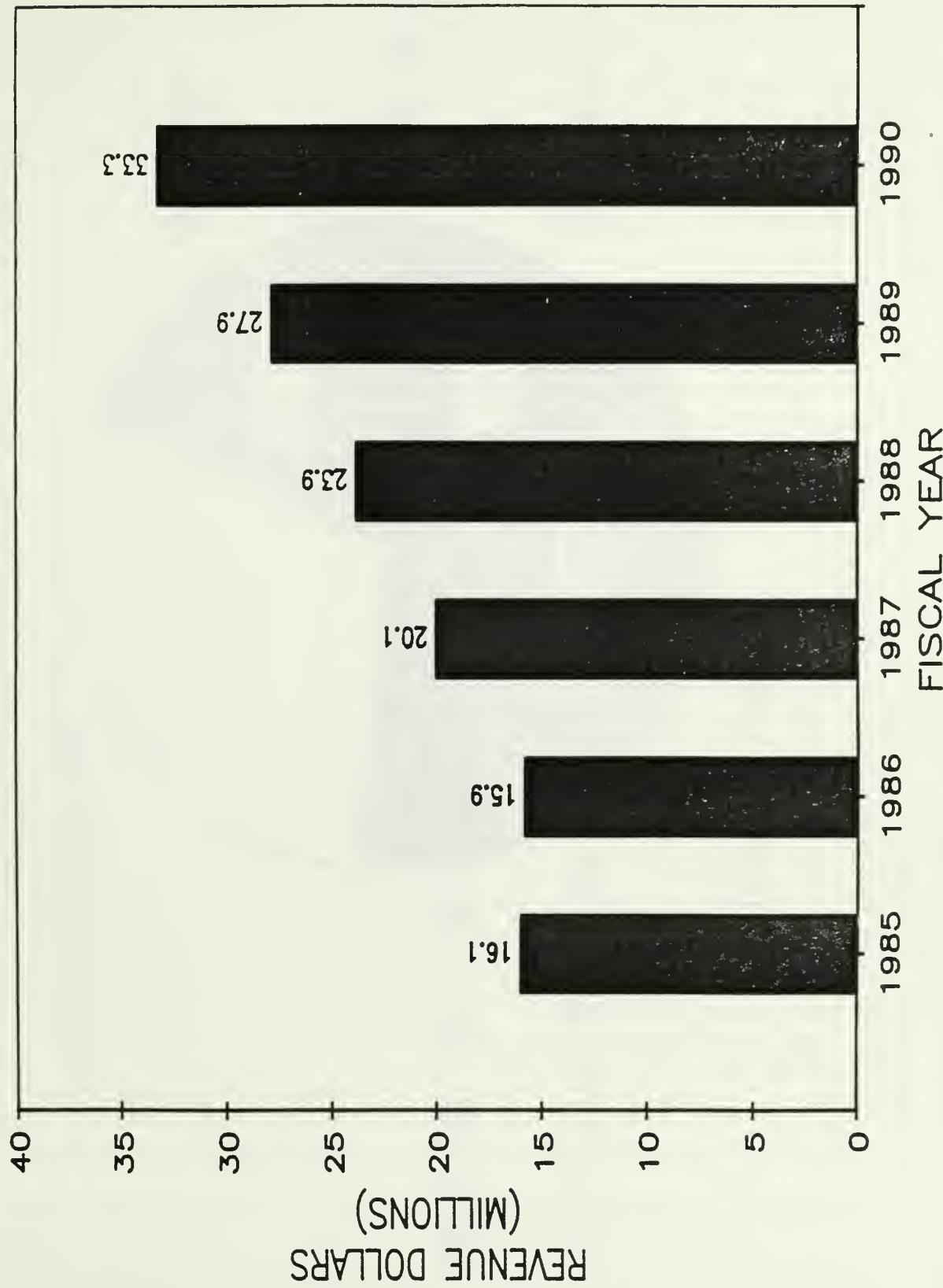
<u>ZONE</u>	<u>PASS</u>	<u>ONE-WAY FARE</u>	<u>MONTHLY PASS</u>
Zone 1A Back Bay Ruggles Upphams Corner	B	\$ .75	\$27
Zone 1B Chelsea Forest Hills Malden Center	B	\$1.00	\$27
Zone 1 Bellevue Belmont Center Fairmont Highland Hyde Park-Cleary Square Melrose-Cedar Park Melrose Highlands	1	\$1.65 Newtonville Roslindale Village Waverly Wedgemere West Roxbury Winchester Center Wyoming Hill	\$52
Zone 2 Auburndale (Newton) Brandeis Roberts Endicott Greenwood Hersey Lechmere Lynn-Central Square Mishawum Needham Center Needham Heights	2	\$1.90 Needham-Junction Reading Readville Riverworks Route 128 Wakefield Waltham West Newton	\$61
Zone 3 Canton Center Canton Junction Dedham/Corporate Center Hastings Islington Kendal Green North Wilmington Norwood Central Norwood Depot	3	\$2.25 Salem Silver Hill Swampscott Wellesley Farms Wellesley Hills Wellesley Square Wilmington	\$70



<b>Zone 4</b>	<b>4</b>	<b>\$2.50</b>	<b>\$80</b>
Ballardvale		Sharon	
Beverly Depot		Stoughton	
Lincoln		Walpole	
Montserrat		West Natick	
Natick		Windsor Gardens	
Plimptonville			
<b>Zone 5</b>	<b>5</b>	<b>\$2.75</b>	<b>\$90</b>
Andover		North Beverly	
Beverly Farms		North Billerica	
Concord		Norfolk	
Framingham		Prides Crossing	
Hamilton-Wenham		West Concord	
<b>Zone 6</b>	<b>6</b>	<b>\$3.10</b>	<b>\$96</b>
Franklin		Manchester	
Ipswich		Mansfield	
Lawrence		South Acton	
Lowell			
<b>Zone 7</b>	<b>7</b>	<b>\$3.35</b>	<b>\$102</b>
Attleboro		Haverhill	
Bradford		Littleton-495	
Forge Park		West Gloucester	
Gloucester			
<b>Zone 8</b>	<b>8</b>	<b>\$3.60</b>	<b>\$108</b>
Ayer		Rockport	
Shirley		South Attleboro	
<b>Zone 9</b>	<b>9</b>	<b>\$4.25</b>	<b>\$114</b>
Fitchburg		North Leominster	
Providence			

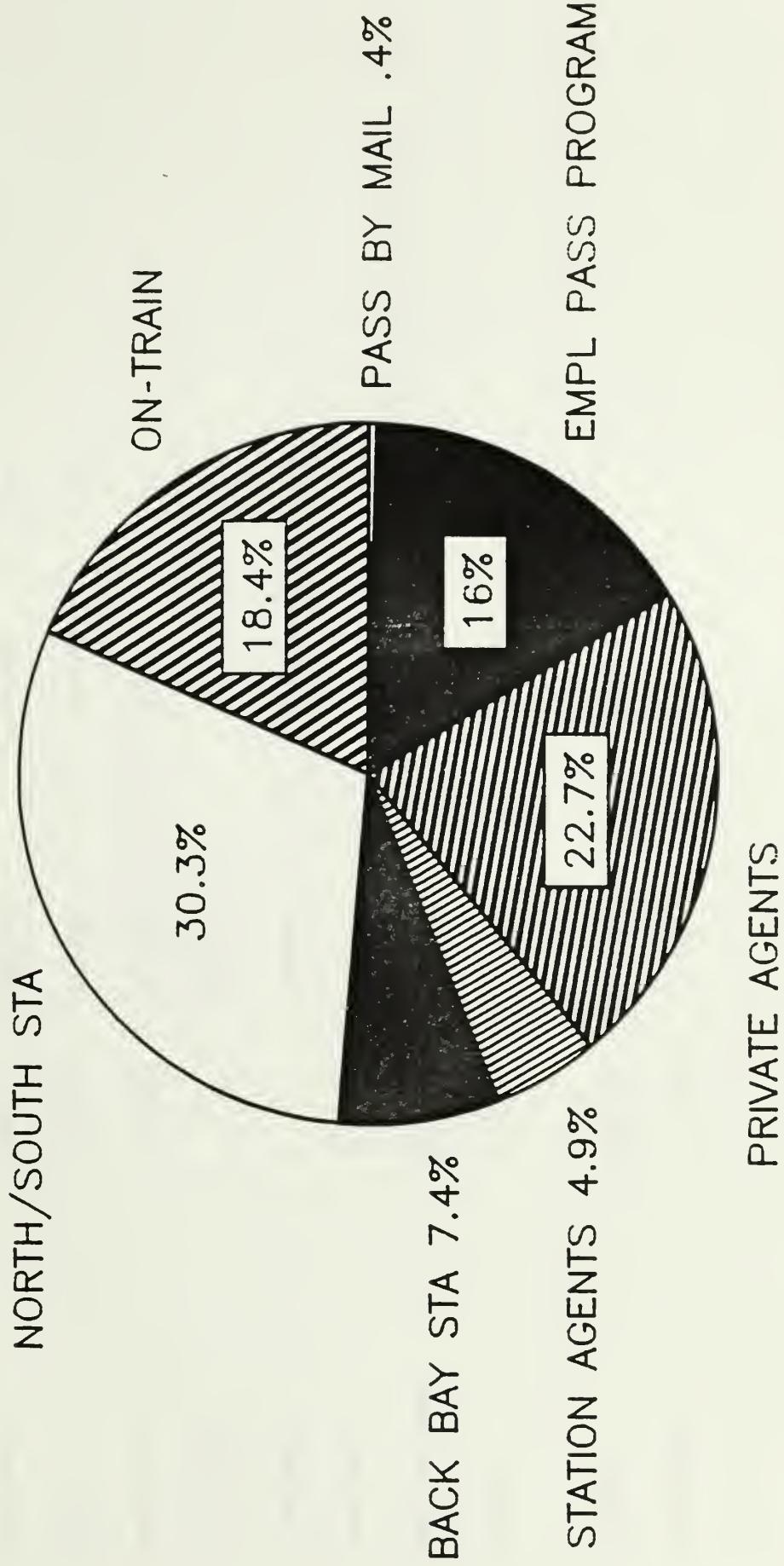


M.B.T.A. COMMUTER RAIL REVENUE  
1985-1990





M.B.T.A. COMMUTER RAIL  
FY 1990 REVENUE BY SOURCE





M.R.I.A. COMMUTER RAIL  
FY 90 REVENUE BY SOURCE

REVENUE SOURCE	NORTH SIDE	SOUTH SIDE	TOTAL SYSTEM	% of TOTAL REVENUE
ON-TRAIN	\$3,724,394	\$2,642,258	\$6,366,652	16.4%
NORTH/SOUTH STATION	\$6,422,198	\$4,052,490	\$10,478,687	30.3%
EX BAY STATION		\$2,543,370	\$2,543,370	7.4%
STATION AGENTS		\$1,686,401	\$1,686,401	4.9%
PRIVATE AGENTS	\$2,988,184	\$4,644,729	\$7,832,913	22.7%
EMPLOYER PASS PROGRAM	\$2,774,946	\$2,752,341	\$5,527,287	16.0%
PASS BY MAIL		\$135,982	\$135,982	0.4%
TOTAL REVENUE	\$16,049,703	\$18,321,588	\$34,371,291	
% OF TOTAL REVENUE		46.4%	53.6%	

REVENUE DOLLARS EXCLUSIVE OF ANY TRANSFER ADJUSTMENTS



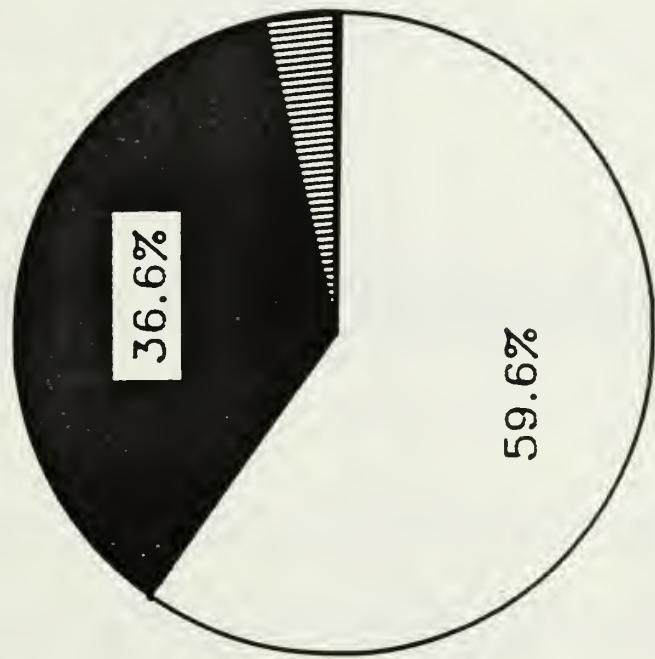
M.B.I.A. COMMUTER RAIL  
FY 90 PASS SALES

PASS TYPE	ZONES										TOTAL SYSTEM PASSES	% OF TOTAL PASSES		
	1A	1B	1	2	3	4	5	6	7	8	9	10		
10-RIDE TICKETS	2	68	2,314	2,740	3,868	1,776	1,421	1,207	682	263	212	0	14,553	3.51
12-RIDE TICKETS	8	571	16,316	28,516	27,171	25,427	17,423	16,791	13,527	781	3,985	16	152,532	36.61
COMM AR PASS PROGRAM	0	0	25,949	43,744	50,286	42,964	21,565	31,505	23,260	2,070	6,735	104	748,132	59.61
MONTHLY INT-ZONE TICKETS	0	0	2	81	103	375	270	364	16	127	113	0	1,401	0.01
TOTAL PASSES	10	639	44,581	75,081	81,428	70,492	40,679	51,867	37,485	3,191	11,045	120	416,618	
% OF TOTAL PASSES	0.01	0.21	10.71	18.01	19.51	16.91	9.81	12.41	9.01	0.81	2.71	0.01		



M.B.T.A. COMMUTER RAIL  
FY 1990 PASS SALES

12-RIDE TICKETS



COMMUTER RAIL PASSES



## SECTION VI

### SERVICE BY COMMUNITY







## LOCATION OF MBTA STATIONS

### RED LINE

#### CAMBRIDGE

Alewife	Alewife Brook Parkway at Cambridge Park Drive
Porter	Massachusetts Avenue and Somerville Avenue
Harvard	At Harvard Square, Massachusetts Avenue, and Boylston Street, Cambridge.
Central	Central Square, Cambridge, Massachusetts Avenue at Western Avenue, Prospect Street, Magazine Street.
Kendall	Kendall Square, Cambridge, at Main Street, Broadway, and Third Street.

#### SOMERVILLE

Davis	College Avenue at Elm and Holland Street
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#### DOWNTOWN BOSTON

Charles	MGH at Charles Circle, Boston, junction of Cambridge and Charles Streets near Mass. General Hospital.
Park Street	Corner of Boston Common at junction of Tremont, Park, and Winter Streets. Free transfer here from Red Line to Green Line.
Downtown Crossing (Washington Street)	Corner of Washington and Summer Street, downtown Boston. Free transfer here from Red Line to Orange Line. Mass. Pike - Express buses - stop 2 blocks away at Otis and Summer Streets
South Station	At South Station railroad terminal, corner of Atlantic Avenue and Summer Street. <u>Commuter Rail</u> service on Needham, Franklin, Providence, and Stoughton Lines terminates here.

#### SOUTH BOSTON

Broadway	Dorchester Avenue at Broadway
Andrew	Dorchester Avenue at Andrew Square, Southampton, Dorchester, and Boston Streets. Last common stop on South Shore and Dorchester.



**RED LINE cont.**

**DORCHESTER**

JFK/U.Mass	On Columbia Road near Old Colony Avenue and Morrissey Boulevard.
Savin Hill	On Savin Hill Avenue at Sidney Street, east of Dorchester Avenue, near the Southeast Expressway.
Fields Corner	West of Dorchester Avenue, near Park Street. Access from Charles, Dorchester Avenue, and Geneva Avenue.
Shawmut	On Dayton Street between Centre and Lyndhurst Streets.
Ashmont	Dorchester Avenue at Ashmont Street and Talbot Avenue. Free transfer here to Mattapan High Speed Trolley.

**QUINCY**

North Quincy	E. Squantum Street between Newport Avenue and Hancock Street.
Wollaston	Newport Avenue at Beale Street
Quincy	Washington and Hancock Streets near Quincy City Hall
Quincy Adams	Burgin Parkway at Centre Street

**BRAINTREE**

Braintree	Ivory Street between Union Street and Pearl Street
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## LOCATION OF MBTA STATIONS

### ORANGE LINE

#### **MALDEN**

Oak Grove	Winter Street between Main and Washington Streets
Malden	Pleasant Street between Summer and Commercial Streets.

#### **MEDFORD**

Wellington	Off Revere Beach Parkway, east of Wellington Circle
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#### **CHARLESTOWN**

Sullivan Square	At Sullivan Square, Charlestown, near junction of Main Street, Broadway, and Cambridge Street.
Community College	Austin Street (Prison Point Bridge) off Rutherford Avenue near Bunker Hill Community College.

#### **DOWNTOWN BOSTON**

North Station	Causeway Street between Canal and Haverhill Streets. Free transfer to Green Line. Commuter Rail North Station across Causeway Street-- Rockport, Ipswich, Reading, Lowell, Woburn, and South Acton trains terminate here.
Haymarket	At Haymarket Square on Congress Street at Sudbury Street. Free transfer to Green Line. North Shore Express buses terminate here.
State	On Washington Street, northbound platform at State and Court Streets. Southbound platform at School and Milk Streets. Free transfer to Blue Line.
Downtown Crossing	On Washington Street at Summer and Winter Streets. Free transfer to Red Line.
Chinatown	On Washington Street at Boylston and Essex Streets.
N. E. Medical Center/ South Cove Station	Between Washington and Tremont Streets, near Oak Street and N. E. Medical Center.
Back Bay Station	On Dartmouth Street between Stuart Street and Columbus Avenue, and on Clarendon street near Columbus Avenue.



ORANGE LINE (cont'd.)

ROXBURY

Massachusetts Avenue	Massachusetts Avenue between Columbus Avenue and St. Botolph Street
Ruggles Street Station	Intersection of Ruggles Street and Tremont Street
Roxbury Crossing	Intersection of Tremont Street, Columbus Avenue and New Dudley Street
Jackson Square	Intersection of Centre Street and Columbus Avenue

JAMAICA PLAIN

Stony Brook	On Boylston Street at Lamartine Street in Jamaica Plain
Green Street	On Green Street at Amory Street in Jamaica Plain
Forest Hills	Washington Street at Hyde Park Avenue



## LOCATION OF MBTA STATIONS

### GREEN LINE CENTRAL SUBWAY STATIONS

#### BOSTON

Kenmore	At Kenmore Square, junction of Commonwealth Avenue, Beacon Street, and Brookline Avenue.
Auditorium	At junction of Massachusetts Avenue and Boylston Street near Hynes Auditorium.
Copley	At Boylston and Dartmouth Streets, by Boston Public Library.
Arlington	On Boylston Street at Arlington, near the Boston Public Garden.
Boylston	Intersection of Boylston and Tremont Streets at the southeast corner of Boston Common.
Park Street	On Tremont Street at Park and Winter Streets near the State House. Free transfer to the Red Line.
Government Center	By Boston City Hall at the junction of Tremont, Court, and Cambridge Streets. Free transfer to Blue Line.
Haymarket	Congress Street at Sudbury Street, near Haymarket Square. Free transfer to Orange Line.
North Station	Causeway Street at Canal Street. Free transfer to Orange Line. Near North Station Commuter Rail Terminal. Trains here from Rockport, Ipswich, Reading, Lowell, Woburn, and South Acton.
Science Park	Charles River Dam at Leverett Circle

#### EAST CAMBRIDGE

Lechmere	Junction of Cambridge Street and O'Brien Highway
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### GREEN LINE ARBORWAY SUBWAY STATIONS

#### BOSTON

Symphony	Corner of Massachusetts Avenue and Huntington Avenue next to Symphony Hall.
Prudential	On Huntington Avenue near Belvidere Street, Opposite Prudential Center.



LOCATION OF MBTA STATIONS

"B" LINE

KENMORE TO BOSTON COLLEGE

BOSTON

Blandford Street	Commonwealth Avenue and Sherborn Street
BU East	Commonwealth Avenue near Granby Street
BU Central	Commonwealth Avenue and Marsh Chapel (BU)
BU West	Commonwealth Avenue near Amoco Gas Station
St. Paul Street	Commonwealth Avenue and Buick Street
Babcock Street	Commonwealth Avenue and Babcock Street
Brighton Avenue	Commonwealth Avenue and Brighton Avenue
Fordham Road	Commonwealth Avenue and Fordham Road
Harvard Avenue	Commonwealth Avenue and Harvard Avenue
Griggs Street	Commonwealth Avenue and Griggs Street
Allston Street	Commonwealth Avenue and Allston Street
Warren Street	Commonwealth Avenue and Warren Street
Summit Avenue	Commonwealth Avenue and Summit Avenue
Washington Street	Commonwealth Avenue and Washington Street
Mount Hood Road	Commonwealth Avenue and Mount Hood Road
Sutherland Street	Commonwealth Avenue and Sutherland Street
Chiswick Road	Commonwealth Avenue and Chiswick Road
Chestnut Hill Avenue	Commonwealth Avenue and Chestnut Hill Avenue
South Street	Commonwealth Avenue and South Street
Greycliff Road	Commonwealth Avenue and Greycliff Road
Boston College	Commonwealth Avenue and Lake Street



## LOCATION OF MBTA STATIONS

### "C" LINE

## KENMORE TO CLEVELAND CIRCLE

BOSTON

## BROOKLINE

Hawes Street	Beacon Street and Hawes Street
Kent Street	Beacon Street and Powell Street
St. Paul's Street	Beacon Street and St. Paul's Street
Winchester Street	Beacon Street and Winchester Street
Summit Avenue	Beacon Street and Summit Avenue
Brandon Hall	Beacon Street and Brandon Hall
Fairbanks	Beacon Street and Fairbanks Avenue
Washington Square	Beacon Street and Washington Street
Tappan Street	Beacon Street and Tappan Street
Dean Road	Beacon Street and Dean Road
Englewood Avenue	Beacon Street and Englewood Avenue

BOSTON



LOCATION OF MBTA STATIONS

GREEN LINE

RIVERSIDE "D" LINE

NEWTON

Riverside	Grove Street off Route 128, south of Commonwealth Avenue.
Woodland	Washington Street, northeast of Beacon, near Newton-Wellesley Hospital.
Waban	Beacon Street at Waban Square
Eliot	Route 9, near corner of Woodward Street. Auto access from Lincoln Street off Woodward.
Newton Highland	At Lincoln and Walnut Streets near Newton Highlands Shopping area.
Newton Center	Union Street between Herrick Street and Langley Road, near Newton Centre Shopping area.
Chestnut Hill	Hammond Street north of Route 9, near old Chestnut Hill Shopping Mall.

BROOKLINE

Reservoir	Cleveland Circle near junction of Chestnut Hill Avenue and Beacon Street.
Beaconsfield	Off Dean Road south of Beacon Street. Also accessible from Beaconsfield Path.
Brookline Hills	Next to Brookline High School near Cypress and Tappan Streets.
Brookline Village	On Station Street off Harvard Street between Route 9 and Washington Street, next to Hearthstone Plaza.
Longwood	Opposite Longwood Towers Apartments at Chapel and Longwood Streets.

DOWNTOWN BOSTON

Fenway Park	At Park Drive across from intersection with the Riverway, next to old Sears Roebuck Building.
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LOCATION OF MBTA STATIONS

"E" LINE

NORTHEASTERN UNIVERSITY TO HEATH CIRCLE

BOSTON

Northeastern U	Huntington Avenue and Opera Place
Ruggles/Museum	Huntington Avenue and Louis Prang
Longwood Avenue/Hospitals	Huntington Avenue and Longwood Avenue
Brigham Circle	Huntington Avenue and Francis Street
Mission Park/Parker Hill	Huntington Avenue and Parker Hill Avenue
South Huntington Avenue	Huntington Avenue and South Huntington Avenue
Heath Street/VA Hospital	Huntington Avenue and Heath Street

MATTAPAN HIGH SPEED TROLLEY LINE

MATTAPAN STATION TO ASHMONT STATION

MATTAPAN

Mattapan Station	Blue Hill Avenue and River Street
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MILTON

Capen	Capen Street off Elliot Street
Valley Road	Valley Road off Elliot Street
Central Avenue	Central Avenue off Elliot Street
Milton	Adams Street and Elliot Street

DORCHESTER

Butler	Butler Street and Branchfield Street, off Adams St.
Cedar Grove	Adams Street and Milton Street
Ashmont Station	Dorchester Avenue and Ashmont Street



## LOCATION OF MBTA STATIONS

### BLUE LINE

#### REVERE

Wonderland	Between North Shore Road and Ocean Avenue near Butler Circle and Wonderland Dog Track.
Revere Beach	Intersection of Ocean Avenue and Beach Street
Beachmont	Intersection of Bennington Street and Winthrop Avenue.

#### EAST BOSTON

Suffolk Downs	Bennington Street near Suffolk Downs Race Track
Orient Heights	Intersection of Bennington Street and Saratoga Street.
Wood Island	On Bennington Street, between Neptune Road and Swift Street.
Airport	Off McLellan Highway at access road to Logan Airport.
Maverick	At Maverick Square, intersection of Meridian and Maverick Streets.

#### DOWNTOWN BOSTON

Aquarium	State Street at Atlantic Avenue by Long Wharf. Hingham Commuter Boat terminates at Long Wharf. Hull Commuter Boat runs from Rowes Wharf, a few blocks south.
State	On State Street between Washington and Devonshire Streets. Free transfer to Orange Line.
Government Center	Next to Boston City Hall at Court, Cambridge, and Tremont Streets. Free transfer to Green Line.
Bowdoin	At Bowdoin Square opposite Saltonstall Building. Cambridge Street between Somerset and New Chardon Streets.



November 1990

TRANSPORTATION SERVICES TO MBTA COMMUNITIES

ARLINGTON

20.6 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Alewife Station\* (P)  
Porter Station\*  
Harvard Station\*

Commuter Rail - Gardner Line - Belmont Center Station\*  
Lowell Line - West Medford\* (P)

The Ride Service - 237 registered applicants  
4,093 Annual trips completed

Bus - Route 62 - Bedford V.A. Hospital - Alewife Station  
Route 67 - Turkey Hill - Alewife Station  
Route 76 - Hanscom Field - Alewife Station  
Route 77 - Arlington Heights - Harvard Station  
Route 78 - Arlmont - Harvard Square Station  
Route 79 - Arlington Heights - Alewife Station  
Route 80 - Arlington Center - Lechmere Station  
Route 84 - Arlmont Village - Alewife Station  
Route 87 - Arlington Center - Lechmere Station  
Route 350 - Burlington - Alewife Station

ASHLAND

1.9 percent of commuters use mass transit (1980 Census)

Commuter Rail - Framingham Line - Framingham Station\* (P)

Inter-District Service Program - Big W Transporation -  
Ashland - Framingham

BEDFORD

1.8 percent of commuters use mass transit (1980 Census)

Commuter Rail - Lowell Line - Mishawum Station\* (P)

The Ride Service - 46 registered applicants 400 registered applicants  
1,650 annual trips completed

Suburban Transportation Program - Bedford Local Transit  
Average of 23 passengers per day

Bus - Route 62 - Bedford V.A. - Alewife Station  
Route 76 - Hanscom - Alewife Station

\* Station in contiguous community  
(P) Commuter Parking



### BELMONT

16.7 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Alewife Station\* (P)  
Harvard Station\*

Commuter Rail - Gardner Line - Belmont Center Station  
Waverly Station (P)

The Ride Service - 123 registered applicants  
918 annual trips completed

Bus - Route 54 - Waverly - Newton Corner  
Route 73 - Waverly Square - Harvard Station - (Trackless Trolley)  
Route 74 - Belmont Center - Harvard Station  
Route 76 - Hanscom Field - Alewife Station  
Route 78 - Arlmont - Harvard Station

### BEVERLY

5.8 percent of commuters use mass transit (1980 Census)

Commuter Rail - Rockport Line - Prides Crossing Station (P)  
Montserrat Station (P)  
Beverly Depot Station (P)  
Beverly Farms Station (P)  
Ipswich Line - North Beverly Station (P)

The Ride Service - 22 registered applicants  
641 annual trips completed

Suburban Transportation Program - Shoppers' Shuttle  
Average of 75 passengers per day

Bus - Route 451 - Salem - North Beverly

### BOSTON

33.9 percent of commuters use mass transit (1980 Census)

Trolley Line (Hi-Speed) - Mattapan - Ashmont  
Mattapan Station  
Butler  
Cedar Grove  
Ashmont Station



Subway - Blue, Orange, Red and Green

Blue Line

Suffolk Downs  
Orient Heights  
Wood Island  
Airport  
Maverick  
Aquarium  
State  
Government Center  
Bowdoin

North Station  
Haymarket  
State  
Downtown Crossing  
Chinatown  
N.E. Medical Center/  
South Cove Station  
Back Bay Station  
Massachusetts Avenue  
Ruggles Street Station  
Roxbury Crossing  
Jackson Square  
Stony Brook  
Green Street  
Forest Hills

Red Line

Charles  
Park Street  
Downtown Crossing  
South Station  
Broadway  
Andrew  
JFK/U. Mass.  
Savin Hill  
Fields Corner  
Shawmut  
Ashmont

Green Line

Central Subway

Kenmore  
Auditorium  
Copley  
Arlington  
Boylston  
Park Street  
Government Center  
Haymarket  
North Station  
Science Park  
Symphony  
Prudential

B Line

Blandford St.  
BU East  
BU Central  
BU West  
St. Paul St.  
Babcock St.  
Brighton Ave.  
Fordham Rd.  
Harvard Ave.  
Spofford Rd.  
Allston St  
Warren St.  
Summit ave.  
Fidelis Way  
Washington St.  
Chiswick Rd.  
Chestnut Hill Ave.  
South St.  
Greycliff Rd.  
Boston College

C line

St. Mary's St.  
Cleveland Cir.  
D line  
Fenway Park  
E Line  
Northeastern U  
Ruggles/Museum  
Longwood Ave.  
Brigham Cir.  
Wait St.  
Frawley St.  
Parker Hill  
Huntington Ave.  
Heath St. Loop

Commuter Rail -      Readville Station  
                          Ruggles Station  
                          Back Bay Station  
                          Hyde Park Station  
                          Fairmont Station  
                          Roslindale Village Station  
                          Forest Hills Station  
                          South Station

Fairmont Station  
Uphams Corner Station  
Morton St. Station  
West Roxbury Station  
Highland Station  
Bellevue Station  
North Station



The Ride Service - 5,863 registered applicants  
131,731 Annual trips completed

Suburban Transportation Program - Mission Hill Area - Link Inc.  
Average of 258 passengers per day

Subsidized Private Carrier Service - Rapid Transit Inc.  
Winthrop - Orient Heights Station

Commuter Boat Service - Charlestown Navy Yard - Long Wharf Pier  
Hingham - Rowes Wharf

Bus - Route 01 - Harvard Station - Dudley Square via Mass. Ave.  
Route 03 - Chinatown - Boston Marine Industrial Park  
Route 05 - City Point - McCormack Housing via Andrew Station  
Route 06 - Boston Marine Industrial Park - Haymarket Station  
Route 07 - City Point - Franklin & Devonshire  
Route 08 - U. Mass/Harbor Point - Kenmore Station via City Hospital  
Route 08A- Dudley - Kenmore, Ruggles Station - Kenmore Station  
Route 09 - City Point - Copley Station via Broadway  
Route 10 - City Point - Copley Station  
Route 11 - City Point - Essex & Washington Streets  
Route 14 - Roslindale Square - Dudley Square  
Route 15 - Kane Square - Ruggles Station  
Route 16 - Forest Hills Station - U. Mass./Andrew Station  
Route 17 - Fields Corner Station - Andrew Station  
Route 18 - Ashmont Station - Andrew Station  
Route 19 - Fields Corner Station - Ruggles Station  
Route 20 - Fields Corner Station - Neponset & Adams  
Route 21 - Ashmont Station - Forest Hills Station  
Route 22 - Ashmont Station - Ruggles Station via Talbot  
Route 23 - Ashmont Station - Ruggles Station via Washington  
Route 24 - Wakefield Avenue - Mattapan Station  
Route 26 - Ashmont Station - Norfolk & Washington Belt  
Route 27 - Mattapan Station - Ashmont Station  
Route 28 - Mattapan Station - Ruggles Station via Dudley  
Route 29 - Wellington Hill - Ruggles Station via Jackson Station  
Route 30 - Mattapan Station - Roslindale Square  
Route 31 - Mattapan Station - Forest Hills Station via Morton Street  
Route 32 - Wolcott Square - Forest Hills Station  
Route 33 - River & Milton Streets - Mattapan Station  
Route 34 - Dedham Line - Forest Hills Station  
Route 34E- Walpole - Forest Hills Station  
Route 35 - Dedham Mall - Forest Hills Station  
Route 36 - Charles River Loop - Forest Hills Station  
Route 37 - Baker & Vermont Streets - Forest Hills Station  
Route 38 - Wren Street - Forest Hills Station  
Route 39 - Forest Hills Station - Copley Station  
Route 40 - Georgetowne - Forest Hills Station  
Route 41 - Centre & Eliot Streets - Dudley Square  
Route 42 - Forest Hills Station - Ruggles Station via Washington  
Route 43 - Ruggles Station - Park & Tremont Streets  
Route 44 - Jackson Station- Ruggles Station via Humboldt & Dudley Sq.



Route 45 - Franklin Park Zoo - Ruggles Station via Blue Hill  
Route 46 - Heath Street & South Huntington - Dudley Square via Jackson Sta.  
Route 47 - Central Station - Boston City Hospital  
Route 48 - Centre & Eliot Sts. - Jamaica Plain Loop  
Route 49 - Dudley Square - Downtown  
Route 50 - Cleary Square - Forest Hills Station  
Route 51 - Cleveland Circle - Forest Hills Station  
Route 52 - Dedham Mall - Watertown Square  
Route 55 - Queensberry Street - Park & Tremont Streets  
Route 57 - Watertown Square - Kenmore Station  
Route 60 - Chestnut Hill - Kenmore Station  
Route 64 - Oak Square - Central Station  
Route 65 - Brighton Center - Kenmore Station  
Route 66 - Harvard Square - Dudley via Harvard St.  
Route 70 - Waltham - Central Station  
Route 86 - Sullivan Station - Cleveland Circle via Harvard Square  
Route 89 - Clarendon Hill - Sullivan Sq. Via Broadway  
Route 90 - Davis Station - Wellington Station  
Route 91 - Sullivan Station - Central Station via Washington St.  
Route 92 - Sullivan Sta. - Franklin & Wash. via Main  
Route 93 - Sullivan Station - Franklin & Washington Streets  
Route 95 - West Medford - Sullivan Station via Mystic Ave.  
Route 101 - Malden Station - Sullivan Station  
Route 104 - Malden Station - Sullivan Station via Ferry St. and Broadway  
Route 105 - Malden Station - Sullivan Station via Faulkner and Main Sts.  
Route 109 - Linden Square - Sullivan Station via Broadway  
Route 111 - Woodlawn - Boston via Tobin Bridge  
Route 112 - Wellington Station - Maverick Station  
Route 116 - Wonderland Station - Maverick Station via Revere  
Route 117 - Wonderland Station - Maverick Station via Beach  
Route 120 - Orient Heights Station - Maverick Station  
Route 121 - Wood Island Station - Maverick Station  
Route 170 - Boston Industrial - Burlington  
Route 210 - Quincy Station - Fields Corner Station  
Route 215 - Quincy Station - Ashmont Station via West Quincy  
Route 217 - Wollaston Beach - Ashmont Station  
Route 240 - Avon Line - Ashmont Station  
Route 240A - Crawford Square - Ashmont Station  
Route 245 - Quincy Station - Mattapan Station via Quincy City Hospital  
Route 300 - Riverside - Downtown  
Route 301 - Brighton Center - Downtown  
Route 302 - Watertown Square - Copley Station via Newton Cor., Mass.  
Turnpike  
Route 304 - Watertown Sq. - Downtown Via Newton Cor., Mass. Turnpike  
Route 304A - Newton Cor. - Downtown Via Newton Cor., Mass. Turnpike  
Route 305 - Central Square Waltham - Downtown via Moody St. and Mass.  
Turnpike  
Route 325 - Elm St. Medford - Haymarket Station  
Route 326 - West Medford - Haymarket Station  
Route 400 - Lynn - Boston Via Common  
Route 426 - Lynn - Boston Via Clifftondale  
Route 440 - Lynn - Boston Via Lynnway  
Route 450 - Salem - Boston Via Western Avenue



## BRAINTREE

9.0 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station (P)  
Quincy Adams Station\* (P)

The Ride Service - 105 registered applicants  
3,106 Annual trips completed

Inter-District Transportation Program - Plymouth & Brockton Bus  
Braintree - Plymouth

Bus - Route 225 - Quincy Station - Weymouth Landing  
Route 230 - Quincy Station - Brockton Line  
Route 236 - Quincy Station - South Shore Plaza  
Route 238 - Ashmont Station - Quincy Station via South Shore Plaza

## BROOKLINE

26.1 percent of commuters use mass transit (1980 Census)

Subway - Green Line (Riverside Line; Beacon Street Line

### Green Line Service

#### C Line

Hawes St.  
Kent St.  
St. Paul's St.  
Coolidge Corner  
Summit Ave.  
Brandon Hall/  
Fairbanks  
Washington Sq.  
Corey Rd.  
Eaglewood

#### D Line

Reservoir  
Beaconsfield  
Brookline Hills  
Brookline Village  
Longwood

The Ride Service - 985 registered applicants  
33,294 Annual trips completed

Inter-District Transportation Program - Peter Pan Lines  
Brookline - Boston

Bus - Route 51 - Cleveland Circle - Forest Hills Station  
Route 60 - Chestnut Hill - Kenmore Station  
Route 65 - Brighton Center - Kenmore Station  
Route 66 - Harvard Square - Dudley via Harvard Street



## BURLINGTON

3.0 percent of commuters use mass transit (1980 Census)

Commuter Rail - Lowell Line - Mishawum Station\* (P)

The Ride Service - 41 registered applicants  
963 Annual trips completed

Suburban Transportation Program - People Mover  
Average of 103 passengers per day

Bus - Route 170 - Boston Industrial - Burlington  
Route 350 - Burlington - Alewife Station  
Route 352 - Burlington - Boston via I-93  
Route 353 - Burlington Ind. Area - Haymarket Sq.

## CAMBRIDGE

27.6 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Porter Station  
Harvard Station  
Central Station  
Kendall Station  
Alewife Station (P)

Green Line - Lechmere Station (P)

Commuter Rail - Gardner Line - Porter Square Station

The Ride Service - 436 registered applicants  
10,161 Annual trips completed

Bus - Route 01 - Harvard Square - Dudley Square Via Mass. Ave.  
Route 47 - Central Square - Boston City Hospital  
Route 62 - Bedford V. A. Hospital - Alewife Station  
Route 64 - Oak Square - Central Station/Kendall Station  
Route 66 - Harvard Square - Dudley via Harvard Street  
Route 67 - Alewife Station - Alewife Station Via Turkey Hill  
Reservation  
Route 69 - Harvard Square - Lechmere Station  
Route 70 - Waltham - Watertown - Central Square (Cambridge)  
Route 71 - Watertown - Harvard (Trackless Trolley)  
Route 72 - Huron Avenue - Harvard (Trackless Trolley)  
Route 73 - Waverly Square - Harvard (Trackless Trolley)  
Route 74 - Belmont Center - Harvard Station  
Route 76 - Bedford V. A. Hospital - Alewife Station  
Route 77 - Arlington Heights - Harvard Station  
Route 77A - North Cambridge - Harvard Square (Trackless Trolley)  
Route 78 - Arlmont - Harvard Station  
Route 79 - Arlington Heights - Alewife Station



Route 80 - Arlington Ctr. - Lechmere via Medford Hillside  
Route 83 - Rindge Avenue - Central Station  
Route 85 - Spring Hill - Kendall Station  
Route 86 - Sullivan Station - Cleveland Circle via Harvard Square  
Route 91 - Sullivan Station - Central Square (Cambridge)  
Route 96 - Medford Square - Harvard Station via George Street  
Route 350 - Burlington - Alewife Station

#### CANTON

9.6 percent of commuters use mass transit (1980 Census)

Commuter Rail - Stoughton Line - Canton Center Station (P)  
Providence Line - Canton Junction Station (P)  
Route 128 Station\* (P)

Subsidized Private Carrier - Hudson Bus Lines  
Canton - Mattapan Station

#### CHELSEA

23.8 percent of commuters use mass transit (1980 Census)

Subway - Orange Line - Wellington Station\* (P)  
Sullivan Square Station\* (P)  
Blue Line - Maverick Station\*  
Revere Station\*

Commuter Rail - Rockport Line - Chelsea Station

Bus - Route 111 - Woodlawn - Boston via Tobin Bridge  
Route 112 - Wellington Station - Maverick Station  
Route 116 - Wonderland Station - Maverick Square via Revere Sta.  
Route 117 - Wonderland Station - Maverick Square via Beach Street

The Ride Service - 224 registered applicants  
2,523 Annual trips completed

#### COHASSET

8.6 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)

The Ride Service - 4 registered applicants  
6 Annual trips completed

Commuter Boat - Hingham\* (P)  
Average of 132 passengers per day



## CONCORD

4.9 percent of commuters use mass transit (1980 Census)

Commuter Rail - Gardner Line - Concord Station (P)  
West Concord Station (P)

The Ride Service - 18 registered applicants  
97 Annual trips completed

## DANVERS

2.0 percent of commuters use mass transit (1980 Census)

Commuter Rail - Rockport Line - Salem Center Station\* (P)  
Beverly Depot Station\* (P)  
Ipswich Line - North Beverly Station\* (P)

The Ride Service - 14 registered applicants  
390 Annual trips completed

Bus - Route 435 - Central Square, Lynn - Danvers via North Shore Shopping Center - Liberty Tree Mall  
Route 458/468 - Salem Center - Danvers Square

## DEDHAM

8.3 percent of commuters use mass transit (1980 Census)

Commuter Rail - Providence Line - Route 128 Station (P)  
Forge Park - 495 Line - Readville Station\* (P)  
Islington Station\* (P)  
Endicott Station (P)  
Dedham Corp. Center/128 (P)

Suburban Transportation Program - Dedham Local Bus Service  
Average of 148 passengers per day

Bus - Route 33 - Dedham Line - Mattapan Station via River St.  
Route 34E- Walpole - Forest Hills Station  
Route 35 - Dedham Mall - Forest Hills Station  
Route 52 - Dedham Mall - Watertown Square

## DOVER

8.5 percent of commuters use mass transit (1980 Census)

Commuter Rail - Needham Heights Line - Needham Heights Station\* (P)  
Needham Center Station\* (P)  
Needham Junction Station\* (P)  
Providence Line - Route 128 Station\* (P)  
Forge Park - 495 Line - Dedham Corp. Center/128\* (P)



### DUXBURY

7.0 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)  
Wollaston Station\* (P)  
North Quincy Station\* (P)

### EVERETT

20.1 percent of commuters use mass transit (1980 Census)

Subway - Blue Line - Revere Beach Station\*  
Maverick Station\*  
Orange Line - Wellington Station\* (P)  
Sullivan Station\* (P)

The Ride Service - 215 registered applicants  
2,454 Annual trips completed

Bus - Route 97 - Malden Station - Wellington Station via Hancock St.  
Route 99 - Upper Highland Ave. - Wellington Station via Main Street  
Route 104 - Malden Station - Sullivan Station via Ferry Street  
Route 105 - Malden Station - Wellington Station via Faulkner  
Route 106 - Lebanon Street - Wellington Station via Main Street  
Route 109 - Linden Square - Sullivan Station via Broadway  
Route 110 - Wonderland Station - Wellington Station via Park Avenue,  
Woodlawn  
Route 111 - Woodlawn - Boston via Tobin Bridge  
Route 112 - Wellington Station - Maverick Station

### FRAMINGHAM

3.4 percent of commuters use mass transit (1980 Census)

Commuter Rail - Framingham line - Framingham Station (P)  
West Natick Station\* (P)

The Ride Service - 201 registered applicants  
8,938 Annual trips completed

Suburban Transportation Program - Inter-Framingham Transportation  
Average of 428 passengers per day

Inter-District Transportation Program  
Big W. Trans. Inc. - Framingham - Milford  
Framingham - Hopkinton  
Peter Pan Lines - Framingham - Boston



### HAMILTON

5.3 percent of commuters use mass transit (1980 Census)

Commuter Rail - Rockport Line - Manchester Station\* (P) .  
Ipswich Line - Hamilton-Wenham Station\* (P)  
North Beverly Station\* (P)

### HANOVER

6.2 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)

Inter-District Transportaation Program - Plymouth and Brockton Bus  
Hanover - Braintree Station

### HINGHAM

10.9 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)  
Wollaston Station\* (P)  
North Quincy Station\* (P)

The Ride Service - 20 registered applicants  
41 Annual trips completed

Subsidized Private Carrier - Andre Coach Lines  
Hingham - Hull

Commuter Boat Service - Hingham (P) - Boston Harbor Commuter Service  
and Mass Bay Lines - Combined  
average of 392 passengers per day

Bus - Route 220 - Quincy Station - Hingham

### HOLBROOK

7.1 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)

The Ride Service - 11 registered applicants  
57 Annual trips completed

Bus- Route 230 - Quincy Station - Holbrook/Brockton Line



HULL

6.9 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)  
Wolaston Station\* (P)  
North Quincy Station\* (P)

The Ride Service - 30 registered applicants  
93 Annual trips completed

Subsidized Private Carrier - Andre Coach Lines  
Hull - Hingham

Commuter Boat Service - Hingham\* (P)  
Average of 44 passengers per day

LEXINGTON

5.7 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Alewife Station\* (P)

The Ride Service - 56 registered applicants  
2,869 Annual trips completed

Suburban Transportation Program - Lexpress Inc.  
Within town service and to Burlington Mall  
Average of 492 passengers per day

Bus - Route 62 - Bedford V. A. - Alewife Station  
Route 76 - Hanscom Field - Alewife Station

LINCOLN

7.5 percent of commuters use mass transit (1980 Census)

Commuter Rail - Gardner Line - Lincoln Station (P)  
Waltham Station\* (P)

The Ride Service - 2 registered applicants  
20 Annual trips completed



LYNN

10.6 percent of commuters use mass transit (1980 Census)

Subway - Blue Line - Wonderland Station\* (P)

Commuter Rail - Rockport Line - Lynn Station  
Riverworks Station

The Ride Service - 532 registered applicants  
9.459 Annual trips completed

Suburban Transportation Program - East/West bus Service  
Within town service  
Average of 93 passengers per day

Bus - Route 400 - Lynn - Boston via Western Avenue  
Route 426 - Lynn - Haymarket via Cliftondale  
Route 429 - Lynn - North Saugus  
Route 433 - Lynn - Pine Hill  
Route 435 - Lynn - Danvers via North Shore Shopping Center - Liberty  
Tree Mall  
Route 436 - Lynn - Goodwin Circle  
Route 437 - Lynn - Lakeside via Eastern Avenue  
Route 439 - Lynn - Nahant  
Route 440 - Lynn - Boston via Lynnway  
Route 441 - Lynn - Marblehead via Paradise Road  
Route 442 - Lynn - Marblehead via Humphrey Street  
Route 450 - Salem - Boston via Western Avenue  
Route 455 - Salem - Lynn via Loring Avenue

LYNNFIELD

2.5 percent of commuters use mass transit (1980 Census)

Commuter Rail - Haverhill Line - Reading Station\* (P)  
Wakefield Station\* (P)

MALDEN

20.0 percent of commuters use mass transit (1980 Census)

Subway - Orange Line - Oak Grove Station (P)  
Malden Center Station (P)

Commuter Rail - Haverhill Line - Malden Center Station

The Ride Service - 490 registered applicants  
7,822 Annual trips completed



Bus - Route 97 - Malden Station - Wellington Station via Commercial Street  
Route 99 - Upper Highland - Wellington Station  
Route 101 - Malden Square - Sullivan Station  
Route 104 - Malden Station - Sullivan Station via Ferry  
Route 105 - Malden Station - Sullivan Station via Faulkner  
Route 106 - Lebanon Street - Wellington Station via Malden Station  
Route 108 - Linden Square - Wellington Station via Malden Station  
Route 130 - Melrose - Lebanon - Wyoming Square - via Malden Station  
Route 131 - Melrose Highlands - Oak Grove Station - Malden Station  
Route 135 - Wakefield Square - Oak Grove Station - Malden Station  
Route 136 - Reading Square - Oak Grove Station - Malden Station via Lakeside  
Route 137 - Reading Square - Oak Grove Station - Malden Station via North St.  
Route 411 - Revere House - Malden Station  
Route 426 - Lynn - Haymarket via Cliftondale Square  
Route 430 - Saugus - Malden Station

#### MANCHESTER

8.4 percent of commuters use mass transit (1980 Census)

Commuter Rail - Rockport Line - Manchester Station (P)  
Beverly Farms Station\* (P)

#### MARBLEHEAD

6.4 percent of commuters use mass transit (1980 Census)

Subway - Blue Line - Wonderland Station\* (P)

Commuter Rail - Rockport Line - Salem Station\* (P)  
Swampscott Station\* (P)

The Ride Service - 12 registered applicants  
398 Annual trips completed



Bus - Route 441 - Lynn - Marblehead via Paradise Road  
Route 442 - Lynn - Marblehead via Humphrey Street

MARSHFIELD

4.5 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)

Inter-District Transportation Program - Plymouth and Brockton Bus  
Marshfield - Braintree Station

Commuter Boat Service - Hingham\* (P)  
Average of 43 passengers per day

MEDFIELD

4.1 percent of commuters use mass transit (1980 Census)

Commuter Rail - Forge Park - 495 Line - Walpole Station\* (P)

Inter-District Transportation Program - Brush Hill Transportation  
Medfield - Boston

MEDFORD

19.9 percent of commuters use mass transit (1980 Census)

Subway - Orange Line - Wellington Station (P)

Commuter Rail - Haverhill Line - Malden Center Station\*  
Lowell Line - West Medford Station (P)

The Ride Service - 186 registered applicants  
4,955 Annual trips completed

Subsidized Private Carrier - Hudson Bus Line  
Within town service

Bus - Route 80 - Arlington Ctr. - Lechmere Station via Medford Hillside  
Route 90 - Davis Square - Wellington Station  
Route 94 - Medford - Davis Square Station via West Medford  
Route 95 - West Medford - Sullivan Station  
Route 96 - Medford Square - Harvard Station via George Street  
Route 97 - Malden Sta. - Wellington Station via Commercial and Hancock  
St.  
Route 99 - Upper Highland Ave. - Wellington Station via Main St.  
Route 100 - Elm Street - Wellington Station  
Route 101 - Salem Street (Medford) - Sullivan Station  
Route 106 - Lebanon - Wellington Station  
Route 108 - Linden Square - Wellington Station  
Route 110 - Wonderland Station - Wellington Station



Route 112 - Wellington Station - Maverick Station via Central Ave.  
Route 134 - North Woburn - Wellington Station  
Route 325 - Elm Street - Haymarket Station  
Route 326 - West Medford - Haymarket Station

#### MELROSE

14.1 percent of commuters use mass transit (1980 Census)

Subway - Orange Line - Oak Grove Station\* (P)

Commuter Rail - Haverhill Line - Wyoming Hill Station (P)  
Melrose Cedar Park Station  
Melrose Highlands Station

The Ride Service - 35 registered applicants  
1,743 Annual trips completed

Bus - Route 130 - Melrose - East Wyoming Square via Malden Station  
Route 131 - Melrose Highlands - Malden Station  
Route 136 - Reading Square - Malden Station via Lakeside  
Route 137 - Reading Square - Malden Station via North Street  
Route 430 - Saugus - Malden Square

#### MIDDLETON

1.0 percent of commuters use mass transit (1980 Census)

Commuter Rail - Haverhill Line - Reading Station\* (P)  
Rockport Line - Beverly Depot Station\* (P)

#### MILLIS

3.5 percent of commuters use mass transit (1980 Census)

Commuter Rail - Forge Park - 495 Line - Walpole Center Station\* (P)

Inter-District Transportation Program - Brush Hill Transportation  
Millis - Boston

#### MILTON

15.5 percent of commuters use mass transit (1980 Census)

Red Line Hi-Speed Trolley - Mattapan - Ashmont  
Milton  
Capen  
Valley Road  
Central

Commuter Rail - Forge Park - 495 Line - Readville Station\* (P)  
Fairmount Station\* (P)

The Ride Service - 71 registered applicants  
2,291 Annual trips completed



Subsidized Private Carrier - Hudson Bus Line  
Milton - Mattapan Station

Bus - Route 215 - Quincy Station - Ashmont Station  
Route 217 - Wollaston Beach - Ashmont Station  
Route 240 - Avon Line - Ashmont Station  
Route 240A - Crawford Square, Randolph - Ashmont Station  
Route 245 - Quincy Station - Mattapan Station

NAHANT

7.6 percent of commuters use mass transit (1980 Census)

Subway - Blue Line - Wonderland Station\* (P)

Commuter Rail - Rockport Line - Lynn Station\*

The Ride Service - 7 registered applicants  
69 Annual trips completed

Bus - Route 439/440 - Nahant - Central Square, Lynn - Haymarket

NATICK

5.0 percent of commuters use mass transit (1980 Census)

Commuter Rail - Framingham Line - West Natick Station (P)  
Natick Station (P)

The Ride Service - 247 registered applicants  
3,050 Annual trips completed

Suburban Transportation Program - Natick Neighborhood Bus  
Within town service and to Framingham  
Shoppers' World  
Average of 121 passengers per day

NEEDHAM

9.3 percent of commuters use mass transit (1980 Census)

Commuter Rail - Needham Heights Line - Needham Heights Station (P)  
Needham Center Station (P)  
Needham Junction Station (P)  
Hersey Station (P)

Suburban Transportation Program - Needham - Mite Mini Bus  
Within town service  
Average of 109 passengers per day

Bus - Route 59 - Needham Junction - Watertown Square



## NEWTON

12.8 percent of commuters use mass transit (1980 Census)

Subway - Green Line Riverside Branch

### D Line

Riverside  
Woodland  
Waban  
Eliot  
Newton Highland  
Newton Center  
Chestnut Hill

Commuter Rail - Framingham Line - Auburndale Station (P)  
West Newton Station  
Newtonville Station

The Ride Service - 860 registered applicants  
17,823 annual trips completed

Bus - Route 52 - Dedham Mall, Charles River - Watertown Square  
Route 53 - Newton Corner - Roberts  
Route 54 - Waverly Square - Newton Corner  
Route 56 - Waltham Highlands - Newton Corner  
Route 57 - Watertown Square - Kenmore Square  
Route 58 - Newton Corner - Auburndale  
Route 59 - Needham Junction - Watertown Square via Newtonville  
Route 60 - Chestnut Hill - Kenmore Station via Brookline Village and  
Cypress Street  
Route 300 - Riverside - Downtown  
Route 301 - Brighton Center - Downtown  
Route 302 - Watertown Square - Back Bay and Copley  
Route 304 - Watertown Square - Downtown  
Route 305 - Central Square, Waltham - Downtown

## NORFOLK

4.3 percent of commuters use mass transit (1980 Census)

Commuter Rail - Forge Park - 495 Line - Walpole Center Station\* (P)  
Norfolk Station (P)

## NORTH READING

2.5 percent of commuters use mass transit (1980 Census)

Commuter Rail - Haverhill Line - Reading Station\* (P)  
North Wilmington Station\* (P)



NORWELL

5.3 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)

Commuter Boat Service - Hingham\* (P)

NORWOOD

7.3 percent of commuters use mass transit (1980 Census)

Commuter Rail - Providence Line - Route 128 Station\* (P)  
Canton Junction Station\* (P)  
Dedham Corp. Center/128\* (P)  
Forge Park - 495 Line - Windsor Gardens Station  
Norwood Central Station (P)  
Norwood Depot Station (P)

Suburban Transportation Program - Transfare Inc.  
Within town service  
Average of 47 passengers per day

Bus - Route 34E - Walpole - Forest Hills Station

PEABODY

2.3 percent of commuters use mass transit (1980 Census)

Commuter Rail - Rockport Line - Salem Station\* (P)  
Lynn Station\*

The Ride Service - 32 registered applicants  
409 Annual trips completed

Subsidized Private Carrier - Michaud Bus Company  
Peabody - Salem

PEMBROKE

3.8 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)

QUINCY

20.9 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Quincy Adams Station (P)  
Quincy Center Station (P)  
Wollaston Station (P)  
North Quincy Station (P)



The Ride Service - 397 registered applicants  
11,225 Annual trips completed

Bus - Route 210 - Quincy Station - Fields Corner Station  
Route 211 - Quincy Station - Squantum  
Route 212 - Quincy Station - North Quincy Station  
Route 214 - Quincy Station - Germantown  
Route 215 - Quincy Station - Ashmont Station  
Route 216 - Quincy Station - Houghs Neck  
Route 217 - Wollaston Beach - Ashmont Station  
Route 220 - Quincy Station - Hingham  
Route 221 - Quincy Station - Fort Point  
Route 222 - Quincy Station - East Weymouth  
Route 225 - Quincy Station - Weymouth Landing  
Route 230 - Quincy Station - Brockton Line  
Route 236 - Quincy Station - South Shore Plaza  
Route 238 - Quincy Station - Ashmont Station via S. S. Plaza  
Route 245 - Quincy Station - Mattapan Station

#### RANDOLPH

6.3 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)

Commuter Rail - Providence Line - Canton Junction Station\* (P)  
Route 128 Station\* (P)  
Stoughton Station\* (P)

The Ride Service - 71 registered applicants  
684 Annual trips completed

Bus - Route 238 - Ashmont - Quincy Station  
Route 240 - Avon Line - Ashmont Station via Randolph  
Route 240a - Crawford Sq., Randolph - Ashmont Station

#### READING

6.1 percent of commuters use mass transit (1980 Census)

Commuter Rail - Haverhill Line - Reading Station (P)

Inter-District Transportation Program - Merrimack Valley Regional Transit Authority  
Reading - Haverhill  
Bradford  
Laurence  
Andover

Bus - Route 136 - Reading Square - Malden Station  
Route 137 - Reading Square - Malden Station



## REVERE

22.3 percent of commuters use mass transit (1980 Census)

Subway - Blue Line - Beachmont Station (P)  
Revere Beach Station  
Wonderland Station (P)

Commuter Rail - Rockport Line - Chelsea Station\* (P)

The Ride Service - 342 registered applicants  
4,955 Annual trips completed

Bus - Route 110 - Wonderland Station - Wellington Station via Everett Square  
Route 111 - Woodlawn - Haymarket Station  
Route 116 - Wonderland Station - Maverick Station via Revere Station  
Route 117 - Wonderland Station - Maverick Station via Beach Street  
Route 119 - Beachmont - Northgate Shopping Center via Cooledge Housing  
Route 400 - Lynn - Boston via Western Avenue  
Route 411 - Revere Beach - Malden Station  
Route 426 - Lynn - Boston via Clifftondale  
Route 440 - Lynn - Boston via Lynnway  
Route 450 - Salem - Boston via Western Avenue

## ROCKLAND

2.4 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)

Inter-District Transportation Program - Carey's Bus Lines  
Rockland - Boston

## SALEM

6.0 percent of commuters use mass transit (1980 Census)

Commuter Rail - Rockport Line - Salem Station (P)  
Swampscott Station\* (P)

The Ride Service - 37 registered applicants  
667 Annual trips completed

Subsidized Private Carrier - Michaud Bus Lines  
Within town service and Salem - Peabody

Bus - Route 450 - Salem - Boston  
Route 451 - Salem - North Beverly  
Route 455 - Salem - Lynn via Loring Avenue  
Route 458/468 - Salem Center - Danvers via Liberty Tree Mall

## SAUGUS

Subway - Blue Line - Wonderland Station\* (P)

The Ride Service - 62 registered applicants  
872 Annual trips completed



Bus - Route 400 - Central Square, (Lynn) - Boston via West Avenue  
Route 426 - Central Square, (Lynn) - Boston via Cliftondale  
Route 429 - Central Square, Lynn - North Saugus  
Route 430 - Saugus - Malden Station  
Route 450 - Salem - Boston

#### SCITUATE

4.9 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)

Commuter Boat Service - Hingham\* (P)  
Average of 16 passengers per day

#### SHARON

9.1 percent of commuters use mass transit (1980 Census)

Commuter Rail - Providence Line - Sharon Station (P)

#### SHERBORN

3.2 percent of commuters use mass transit (1980 Census)

Commuter Rail - Framingham Line - Natick Station\* (P)  
West Natick Station\* (P)

#### SOMERVILLE

27.9 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Davis Station  
Orange Line - Sullivan Station\* (P)  
Green Line - Lechmere Station\* (P)

Commuter Rail - Gardner Line - Porter Square Station\* (P)

The Ride Service - 380 registered applicants  
9,680 Annual trips completed

Bus - Route 80 - Arlington Ctr. - Lechmere Station via Medford Hillside  
Route 83 - Rindge Avenue - Central Station  
Route 85 - Spring Hill - Kendall Station  
Route 86 - Sullivan Station - Cleveland Circle via Harvard Square  
Route 87 - Arlington Center - Lechmere Station via Somerville Avenue  
Route 88 - Clarendon Hill - Lechmere Station via Highland Avenue  
Route 89 - Clarendon Hill - Sullivan Station  
Route 90 - Davis Square - Wellington Station  
Route 91 - Sullivan Station - Central Station  
Route 94 - Medford Square - Davis Square via West Medford  
Route 95 - West Medford - Sullivan Station  
Route 96 - Medford Square - Harvard Station via George Street  
Route 101 - Salem Street, Medford - Sullivan Station



### STONEHAM

4.4 percent of commuters use mass transit (1980 Census)

Subway - Orange Line - Wellington Station\* (P)  
Oak grove Station\* (P)  
Sullivan Station\* (P)

Commuter Rail - Haverhill Line - Wyoming Hill Station\* (P)  
Melrose Highlands Station\* (P)  
Melrose Cedar Park Station\* (P)  
Greenwood Station\* (P)  
Wakefield Station\* (P)  
Lowell Line - Mishawum Station\* (P)

### SUDSBURY

2.6 percent of commuters use mass transit (1980 Census)

Commuter Rail - Framingham Line - Framingham Station\* (P)  
Fitchburg Line - Kendall Green Station\* (P)  
Lincoln Station\* (P)

Inter-District Transportation Program - Big W Transportation Inc.  
Sudbury - Boston

### SWAMPSMOTT

9.3 percent of commuters use mass transit (1980 Census)

Subway - Blue Line - Wonderland Station\* (P)

Commuter Rail - Rockport Line - Swampscott Station (P)  
Salem Station\* (P)  
Lynn Station\*

The Ride Service - 42 registered applicants  
1,164 Annual trips completed

Bus - Route 441 - Marblehead - Lynn - Boston via Paradise Road  
Route 442 - Marblehead - Lynn - Boston via Humphrey Street  
Route 455 - Salem - Lynn - Boston via Loring Avenue

### TOPSFIELD

1.7 percent of commuters use mass transit (1980 Census)

Commuter Rail - Ipswich Line - Hamilton-Wenham Station\* (P)



WAKEFIELD

6.4 percent of commuters use mass transit (1980 Census)

Commuter Rail - Haverhill Line - Greenwood Station (P)  
Wakefield Station (P)

Bus - Route 136 - Reading Square - Malden Station via Melrose - Oak Grove  
Sta.- Lakeside  
Route 137 - Reading Square - Malden Station via Melrose - Oak Grove  
Sta.- North St.

WALPOLE

5.6 percent of commuters use mass transit (1980 Census)

Commuter Rail - Forge Park - 495 Line - Walpole Station (P)  
Plimptonville Station

Bus - Route 34E - Walpole - Forest Hills Station

WALTHAM

5.7 percent of commuters use mass transit (1980 Census)

Commuter Rail - Gardner Line - Brandeis/Roberts Station (P)  
Waltham Station (P)  
Waverley Station\* (P)

The Ride Service - 103 registered applicants  
2,192 Annual trips completed

Bus - Route 53 - Roberts - Newton Corner  
Route 54 - Waverly - Newton Corner  
Route 56 - Waltham Highlands - Newton Corner  
Route 58 - Auburndale - Newton Corner  
Route 70 - Waltham - Central Station Cambridge  
Route 70A- No. Waltham - Central Station  
Route 305- Central Square, Waltham - Downtown

WATERTOWN

17.0 percent of commuters use mass transit (1980 Census)

Subway - Red Line - Harvard Station\*  
Central Station\*



Commuter Rail - Gardner Line - Waverley Station\* (P)

The Ride Service - 357 registered applicants  
7,707 Annual trips completed

Bus - Route 52 - Charles River Loop - Watertown Square  
Route 54 - Waverly Square - Newton Corner  
Route 57 - Watertown Square - Kenmore Station  
Route 58 - Auburndale - Newton Corner  
Route 59 - Needham Junction - Watertown Station  
Route 70 - Cedarwood, Waltham - Central Station  
Route 70A - No. Waltham - Central Station  
Route 71 - Watertown - Harvard Station (Trackless Trolley)  
Route 73 - Waverley Square - Harvard Station (Trackless Trolley)  
Route 302 - Watertown - Copley Station  
Route 304 - Watertown - Downtown

#### WAYLAND

2.7 percent of commuters use mass transit (1980 Census)

Commuter Rail - Gardner Line - Kendall Green Station\* (P)  
Lincoln Station\* (P)  
Framingham Line - Natick Station\* (P)

Inter-District Transportation Program - Big W Transportation Inc.  
Wayland - Boston

#### WELLESLEY

11.0 percent of commuters use mass transit (1980 Census)

Green Line - Riverside Station\* (P)

Commuter Rail - Framingham Line - Wellsley Square Station (P)  
Wellsley Hills Station (P)  
Wellsley Farms Station (P)  
Needham Line - Needham Center Station\* (P)  
Needham Heights Station\* (P)

#### WENHAM

3.8 percent of commuters use mass transit (1980 Census)

Commuter Rail - Rockport Line - Beverly Depot\* (P)  
Ipswich Line - North Beverly Station\* (P)  
Hamilton-Wenham Station (P)

#### WESTON

6.4 percent of commuters use mass transit (1980 Census)

Green Line - Riverside Station\* (P)



Commuter Rail - Gardner Line - Silver Hill Station\* (P)  
Hastings Station\* (P)  
Kendall Green Station\* (P)

WESTWOOD

7.8 percent of commuters use mass transit (1980 Census)

Commuter Rail - Forge Park - 495 - Line - Islington Station (P)  
Route 128 Station (P)  
Dedham Corp. Center/128\* (P)

Bus - Route 34E - Walpole - Forest Hills Station

WEYMOUTH

7.9 percent of commuters use mass transit (1980 Census)

Rapid Transit Line - Red Line - Braintree Station\* (P)  
Quincy Adams Station\* (P)  
Quincy Center Station\* (P)

The Ride Service - 163 registered applicants  
5,012 Annual trips completed

Suburban Transportation Program - Weybus  
Within town service and Weymouth to  
Braintree Station  
Average of 306 passengers per day

Inter-District Transportation Program - Carey's Bus Line  
Weymouth - Boston

Commuter Boat - Hingham\* (P)  
Average of 121 passengers per day

Bus - Route 220 - Hingham - Quincy Station  
Route 221 - Fort Point - Quincy Station via North Weymouth  
Route 222 - Quincy Station - East Weymouth  
Route 225 - Quincy Station- Weymouth Landing

WILMINGTON

2.4 percent of commuters use mass transit (1980 Census)

Commuter Rail - Lowell Line - Wilmington Station (P)  
Mishawum Station\* (P)  
Haverhill Line - Reading Station\* (P)  
North Wilmington Station (P)



The Ride Service - 93 registered applicants  
1,141 Annual trips completed

WINCHESTER

8.5 percent of commuters use mass transit (1980 Census)

Commuter Rail - Lowell Line - Wedgemere Station (P)  
Winchester Center Station (P)

The Ride Service - 30 registered applicants  
642 Annual trips completed

Bus - Route 134 - North Woburn - Wellington Station  
Route 350 - Burlington - Alewife Station

WINTHROP

26.5 percent of commuters use mass transit (1980 Census)

Subway - Blue Line - Wonderland Station\* (P)  
Beachmont Station\* (P)  
Orient Heights Station\* (P)

The Ride Service - 163 registered applicants  
1,858 Annual trips completed

Subsidized Private Carrier - Rapid Transit Inc.  
Winthrop - East Boston

WOBURN

4.6 percent of commuters use mass transit (1980 Census)

Commuter Rail - Lowell Line - Mishawum Station\* (P)

The Ride Service - 83 registered applicants  
2,675 Annual trips completed

Bus - Route 134 - North Woburn - Wellington Station  
Route 350 - Burlington - Alewife Station  
Route 353/4 - Woburn - Boston via I-93





# Commuter Rail

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY





## COMMUTER RAIL STATION LOCATIONS

Rockport/Ipswich Line

<u>Station</u>	<u>Zone</u>	<u>Handicap Accessible</u>	<u>Station Location</u>
Rockport	8	No	Railroad Ave. off Rte. 127
Gloucester	7	Yes	Washington St. @ R.R. Ave.
W. Gloucester	7	Yes	Essex Ave. (Rte. 138) S of Magnolia Ave.
Manchester	6	Yes	Beach St. S of Summer St.
Ipswich	6	Yes	S of Topsfield Rd.
Beverly Farms	5	Yes	West St. (Rte. 127) @ Oak St.
Hamilton/Wenham	5	Yes	Bay Rd. @ Walnut St.
Prides Crossing	5	No	Hale St. (Rte. 127)
N. Beverly	5	Yes	Enon St. @ Dodge St.
Montserrat	4	Yes	Between Spring & Essex Sts.
Beverly Depot	4	Yes	Park St. across from Post Office
Salem	3	Yes	Bridge & North Sts.
Swampscott	3	Yes	Burrill St. @ R.R. Ave., 3 blks. N of Paradise Rd.
Lynn	2	No	Union & Exchange Sts.
Chelsea	1B	No	Arlington & Sixth Sts.
North Station		Yes	126 Causeway St., Boston

Fitchburg/Gardner Line

Gardner	11	No	Union Sq. S of Chestnut St., W of Elm St.
Fitchburg	9	No	Rte. 2A, E of Jct. Rte. 12
N. Leominster	9	No	568 Main St. (Rte. 13) behind Victory Shopping Ctr.
Shirley	8	No	Main St. & Phoenix St.
Ayer	8	No	Depot Sq. on S side of Main St. near YMCA
Littleton	7	No	Foster St. off Taylor St.



Fitchburg/Gardner (cont'd)

<u>Station</u>	<u>Zone</u>	<u>Handicap Accessible</u>	<u>Station Location</u>
S. Acton	6	No	Central St. near Main St. (Rte. 27)
W. Concord	5	No	Commonwealth Ave. & Main St.
Concord	5	No	90 Thoreau St. between Sudbury Rd. & Belknap St.
Lincoln	4	No	Lincoln Rd. 2 blks. N of Rte. 117
Hastings	3	No	Viles St. 1 blk. S of North Ave. (Rte. 117)
Kendal Green	3	No	Church St. 1 blk. S of North Ave. (Rte. 117)
Brandeis	2	No	South St. @ Sawyer St.
Waltham	2	No	Elm St. & Moody St.
Waverly	1	No	Trapeolo Rd. & Lexington St. E of Rte. 60
Belmont	1	No	Common & Concord Ave. behind Lions Club
Porter Square	1B	Yes	Porter Sq., Mass. Ave. with Red Line Station
North Station		Yes	126 Causeway St., Boston

Haverhill/Reading Line

Haverhill	7	No	Washington St. @ R.R. Sq., 3 blks. W of bus depot
Bradford	7	No	Railroad Ave. @ Laurel Ave.
Lawrence	6	No	Merrimack & Parker @ 495/Sutton St. exit
Andover	5	No	17 Railroad Ave. between Main & Essex St.
Ballardvale	4	No	Andover St. near intersection of River St.
N. Wilmington	3	No	Middlesex Ave. W of I-93, Rte. 62 Jct.
Reading	2	No	High St. & Lincoln St.
Wakefield	2	No	Turtle St. & North Ave.
Greenwood	2	No	907 Main St. behind bank
Melrose Highlands	1	No	Franklin St. near Greenwood St.



Haverhill/Reading (cont'd)

<u>Station</u>	<u>Zone</u>	<u>Handicap Accessible</u>	<u>Station Location</u>
Melrose-Cedar Park	1	No	W. Emerson St., 2 blks. S of Lynn Fells Pkwy.
Wyoming Hill	1	No	W. Wyoming Ave. just W of Main St.
Malden Center	1B	No	Commercial & Pleasant Sts.
North Station		Yes	126 Causeway St., Boston

Franklin Line

Forge Park/495	7	Yes	Rte. 40 off Rte. 495
Franklin	6	No	Depot St. off E. Central St. & Main St.
Norfolk	5	No	Rte. 115, Norfolk Ctr.
Walpole	4	No	West St., 3 blks. W of Walpole Ctr.
Plimptonville	4	No	Plimpton St. E of Rte. 1A
Windsor Gardens	4	No	Windsor Gardens Rte. 1A
Norwood Central	3	No	Broadway St. E of Washington St. near hospital
Norwood Depot	3	No	Railroad Ave. & Hill St.
Islington	3	No	Carrol St. off East St.
Dedham Corp. Ctr./128	2	Yes	East St. S of Stuart St. Boston
Endicott	2	No	Washington Ave. off East St.
Readville	2	No	Hyde Park Ave.
Hyde Park	1	No	Hyde Park Ave. @ Cleary Sq.
Ruggles	1A	Yes	Ruggles St. @ Columbus Ave.
Back Bay	1A	Yes	Dartmouth St. S of Stuart St., Boston
South Station		Yes	Atlantic Ave., Boston



Lowell Line

<u>Station</u>	<u>Zone</u>	<u>Handicap Accessible</u>	<u>Station Location</u>
Lowell	6	Yes	Thorndike St. N of Lowell Connector
North Billerica	5	No	Ruggles & Carlton Sts. off Mt. Pleasant St. near Billerica Ave. intersection
Wilmington	3	No	Rte. 129/Rte. 38 (Main St.) just N of intersection with Church St. (Rte. 62)
Mishawum	2	No	Mishawum Rd. 1 blk. E of Wash. St. exit, Rte. 128
Winchester Center	1	No	Between Waterfield Rd./Common St. & Church St. & Main St. intersections
Wedgemere	1	No	Mystic Valley Pkwy. @ Bacon St.
West Medford	1B	No	High St. just N of crossing, next to Playstead Rd.
North Station		Yes	126 Causeway St., Boston

Needham Line

Needham Heights	2	Yes	West St.
Needham Center	2	Yes	Great Plain Ave. @ Eaton Sq.
Needham Junction	2	Yes	Junction St.
Hersey	2	No	Great Plain Ave., Needham
West Roxbury	1	Yes	LaGrange St., W. Roxbury
Highland	1	Yes	Corey & Hastings St., W. Roxbury
Bellevue	1	Yes	Colbert & Centre St., W. Roxbury
Roslindale Village	1	Yes	Belgrade & South St.
Forest Hills	1B	Yes	Washington St., Jamaica Plain
Ruggles	1A	Yes	Ruggles St. @ Columbus Ave.
Back Bay	1A	Yes	Dartmouth St. S of Stuart St., Boston
South Station		Yes	Atlantic Ave., Boston



Framingham Line

<u>Station</u>	<u>Zone</u>	<u>Handicap Accessible</u>	<u>Station Location</u>
Framingham	5	No	Rte. 126 @ Rte. 135
West Natick	4	No	Rte. 135
Natick	4	No	Walnut St.
Wellesley Square	3	No	Washington St.
Wellesley Hills	3	No	339 Washington St.
Wellesley Farms	3	No	90 Glen Rd. 1 blk. uphill from Glen Cross Rd.
Auburndale	2	No	Lexington St. along Mass. Pike
West Newton	2	No	Rte. 135
Newtonville	1	No	Between Harvard & Walnut along Mass. Pike
Back Bay	1A	Yes	Dartmouth St. S of Stuart St., Boston



RAPID TRANSIT PARKING SUPPLY

RED LINE	SPACES	RATE	ORANGE LINE	SPACES	RATE
ALEWIFE	2,209	\$4.00	FOREST HILLS	195	\$3.00
NORTH QUINCY	1,205	\$2.00	SULLIVAN SQ.	217	\$2.50
WOLLASTON	522	\$2.00	WELLINGTON	1,253	\$2.50
QUINCY CENTER	872	\$2.50	MALDEN CENTER	165	\$2.50
QUINCY ADAMS	2,227	\$2.50	OAK GROVE	768	\$2.50
BRAINTREE	1,228	\$2.50			
 MATAPAN HIGH SPEED LINE	 SPACES	 RATE	 GREEN LINE	 SPACES	 RATE
MATTAPAN	216	\$2.00	ARLINGTON HEIGHTS	194	\$2.00
MILTON	41	\$2.00	RIVERSIDE	1,128	\$2.25
			WOODLAND	448	\$2.00
			WABAN	54	\$2.00
			ELIOT	55	\$2.00
			CHESTNUT HILL	70	\$2.00
			LECHMERE	323	\$2.50
 BLUE LINE	 SPACES	 RATE			
ORIENT HEIGHTS	401	\$2.00			
SUFFOLK DOWNS	110	\$2.00			
BEACHMONT	394	\$2.00			
WONDERLAND	1,045	\$2.00	TOTAL	14,939	



COMMUTER RAIL STATION PARKING SUPPLY

EASTERN LINE	1990	FITCHBURG LINE	1990	FRANKLIN LINE	1990
	SPACES		SPACES		SPACES
NEWBURYPORT	0	FITCHBURG	20	FORGE PARK-495	745
ROWLEY	0	NORTH LEOMINSTE	49	FRANKLIN	165
IPSWICH	170	SHIRLEY	25	NORFOLK	230
HAMILTON-WENHAM	85	AYER	30	WALPOLE	90
NORTH BEVERLY	90	LITTLETON-495	15	PLIMPTONVILLE	0
ROCKPORT	88	SOUTH ACTON	287	WINDSOR GARDENS	0
GLoucester	30	WEST CONCORD	195	NORWOOD CENTRAL	415
WEST GLoucester	35	CONCORD	96	NORWOOD DEPOT	140
MANCHESTER	71	LINCOLN	149	ISLINGTON	55
BEVERLY FARMS	25	HASTINGS	6	DEDHAM CORP	500
PRIDES CROSSING	6	KENDAL GREEN	57	ENDICOTT	45
MONTSERRAT	107	BRANDEIS-ROBERT	45	READVILLE	160
BEVERLY DEPOT	200	WALTHAM	50	HYDE PARK	130
SALEM	335	WAVERLEY	0	RUGGLES	0
SWAMPSCOTT	130	BELMONT CENTER	0	BACK BAY	0
LYNN	0	PORTER SQUARE	0		
CHELSEA	425				
<b>TOTAL</b>	<b>1,797</b>	<b>TOTAL</b>	<b>1,024</b>	<b>TOTAL</b>	<b>2,675</b>
WESTERN LINE		FRAMINGHAM LINE	.	STOUGHTON/ATTE	
HAVERHILL	0	FRAMINGHAM	119		
BRADFORD	45	WEST NATICK	163	PROVIDENCE	150
LAWRENCE	100	NATICK	71	SOUTH ATTLEBORO	520
ANDOVER	138	WELLESLEY SQ.	260	ATTLEBORO	1,050
BALLARDVALLE	160	WELLESLEY HILLS	50	MANSFIELD	530
NORTH WILMINGTON	20	WELLESLEY FARMS	135	SHARON	521
READING	380	AUBURNDALE	30	STOUGHTON	516
WAKEFIELD	70	WEST NEWTON	30	CANTON CENTER	209
GREENWOOD	7	NEWTONVILLE	0	CANTON JCT.	597
MELROSE HIGHLANDS	0	BACK BAY	0	ROUTE 128	820
MELROSE CEDAR PARK	0			HYDE PARK	69
WYOMING HILL	28			BACK BAY	0
MALDEN CTR.	0				
<b>TOTAL</b>	<b>948</b>	<b>TOTAL</b>	<b>858</b>		<b>4,982</b>
NEW HAMPSHIRE LINE		NEEDHAM LINE		MIDLANDS LINE	
LOWELL	470	NEEDHAM HTS.	16		
NORTH BILLERICA	396	NEEDHAM CTR.	37	FAIRMONT	36
WILMINGTON	6	NEEDHAM JCT.	215	MORTON ST.	50
MISHAWUM	243	HERSEY	183	UPHAMS CORNER	0
WINCHESTER CTR.	237	WEST ROXBURY	63		
WEDGEMERE	103	HIGHLAND	58		
WEST MEDFORD	24	BELLEVUE	39		
		ROSLINDALE VILL	148		
		FOREST HILLS	195		
		RUGGLES	0		
		BACK BAY	0		
<b>TOTAL</b>	<b>1,479</b>	<b>TOTAL</b>	<b>954</b>	<b>TOTAL</b>	<b>86</b>



COMMUTER RAIL LINE PARKING SUPPLY

	1990 SPACES
EASTERN LINE	1,797
WESTERN LINE	948
NEW HAMPSHIRE LINE	1,479
FITCHBURG LINE	1,024
FRAMINGHAM LINE	858
NEEDHAM LINE	954
FRANKLIN LINE	2,675
STOUGHTON/ATTLEBORO LINE	4,982
MIDLANDS LINE	86
TOTAL	14,803

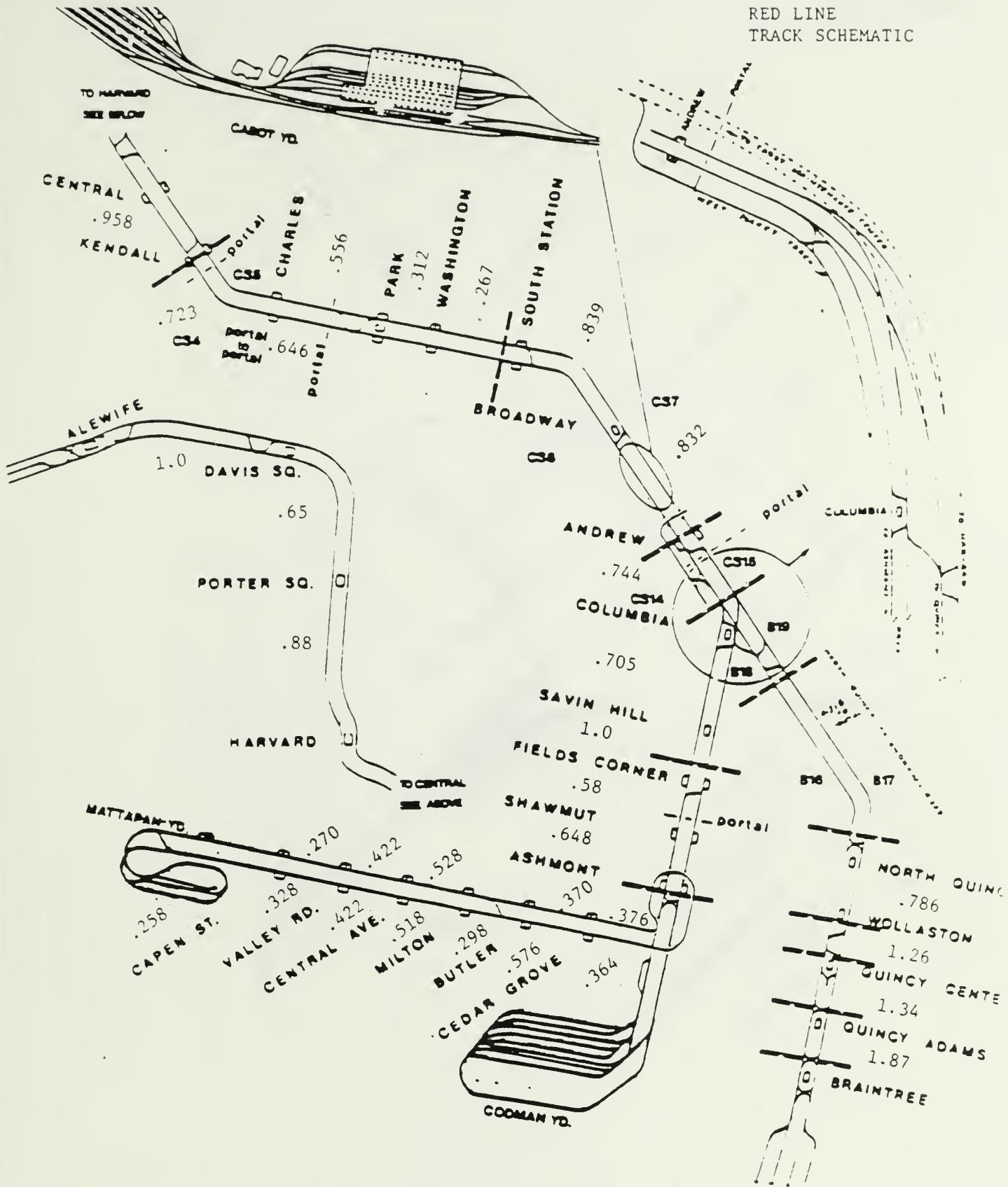


## SECTION VII

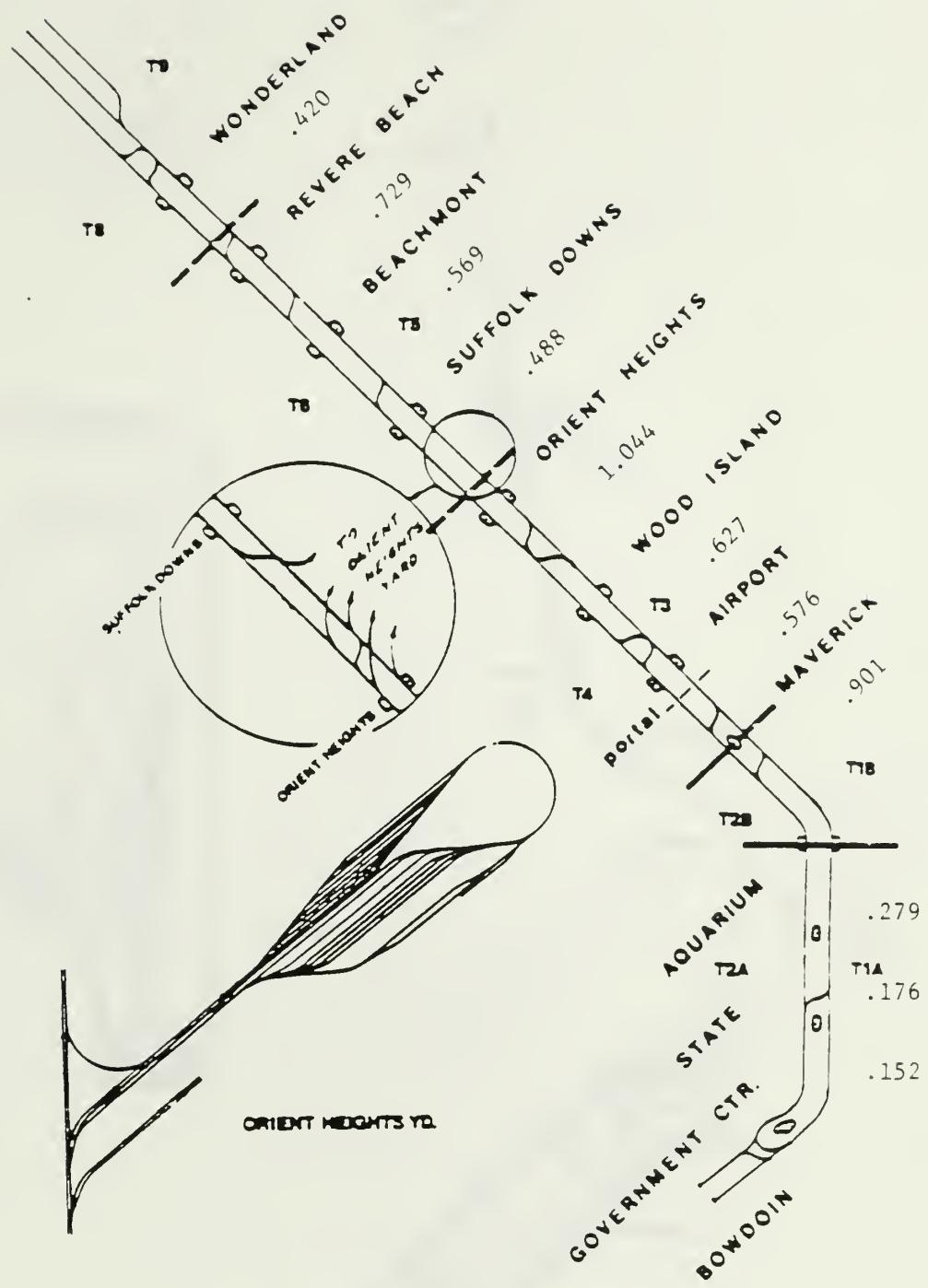
### TRACK AND EQUIPMENT



RED LINE  
TRACK SCHEMATIC

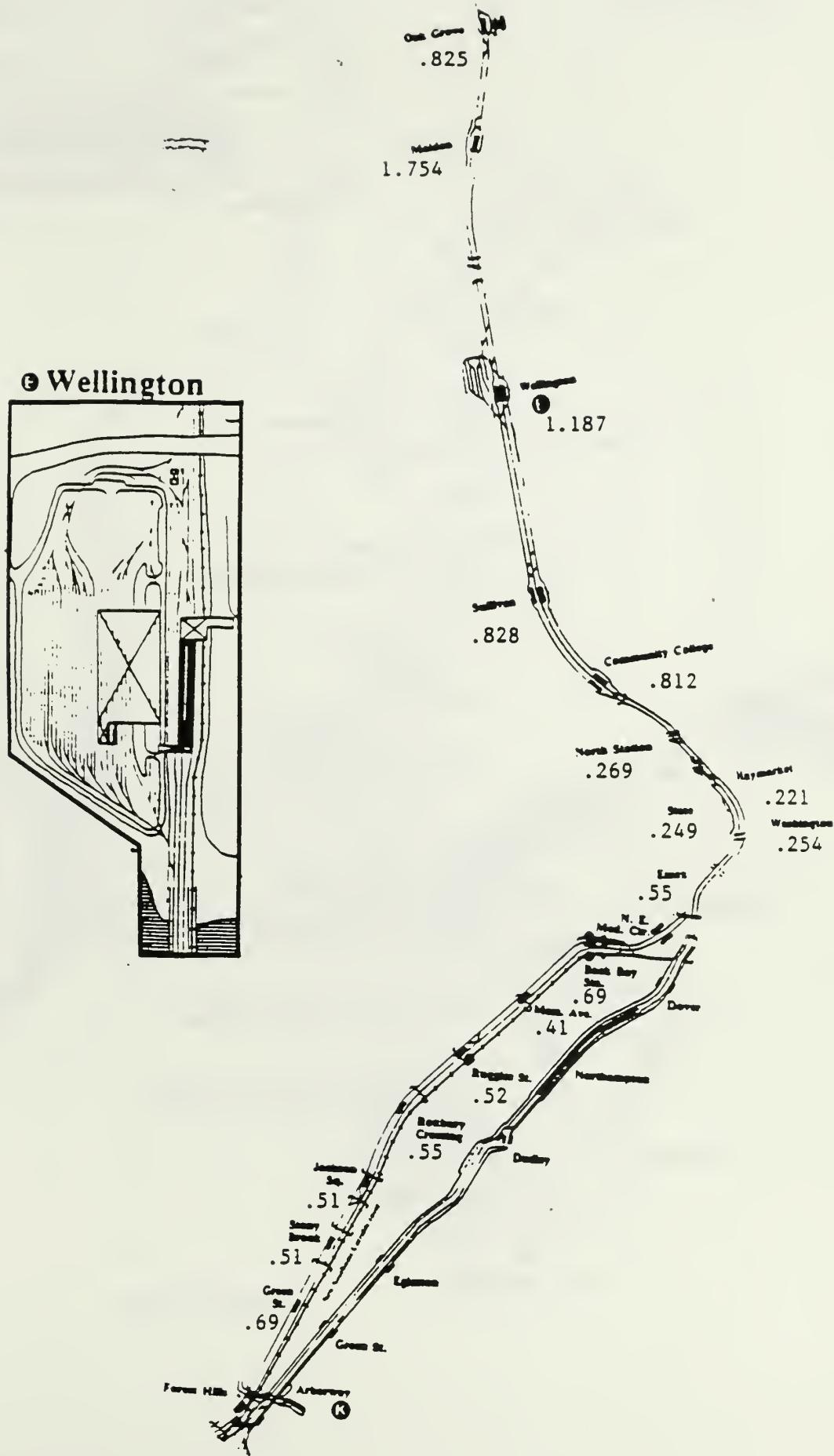






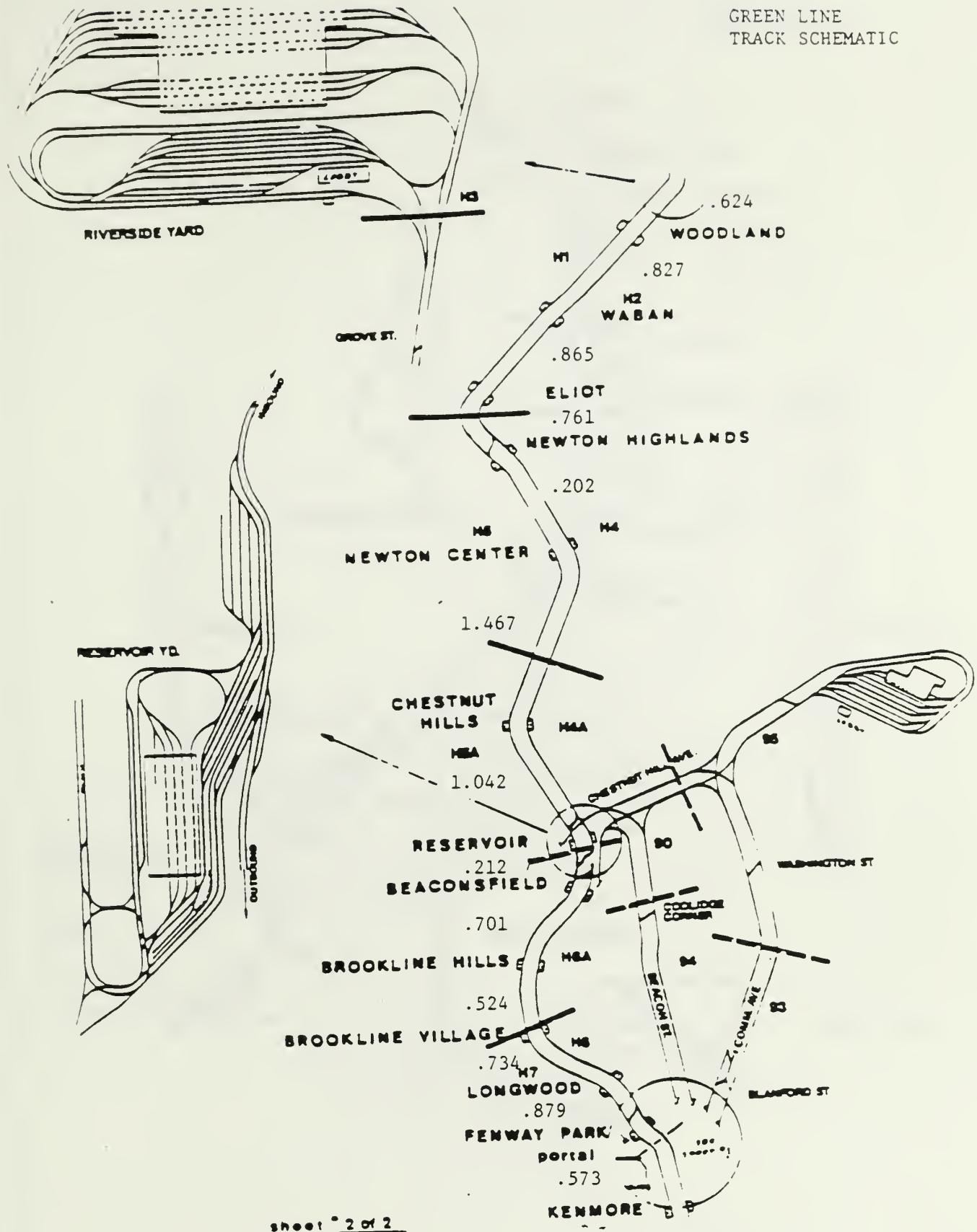


ORANGE LINE  
TRACK SCHEMATIC

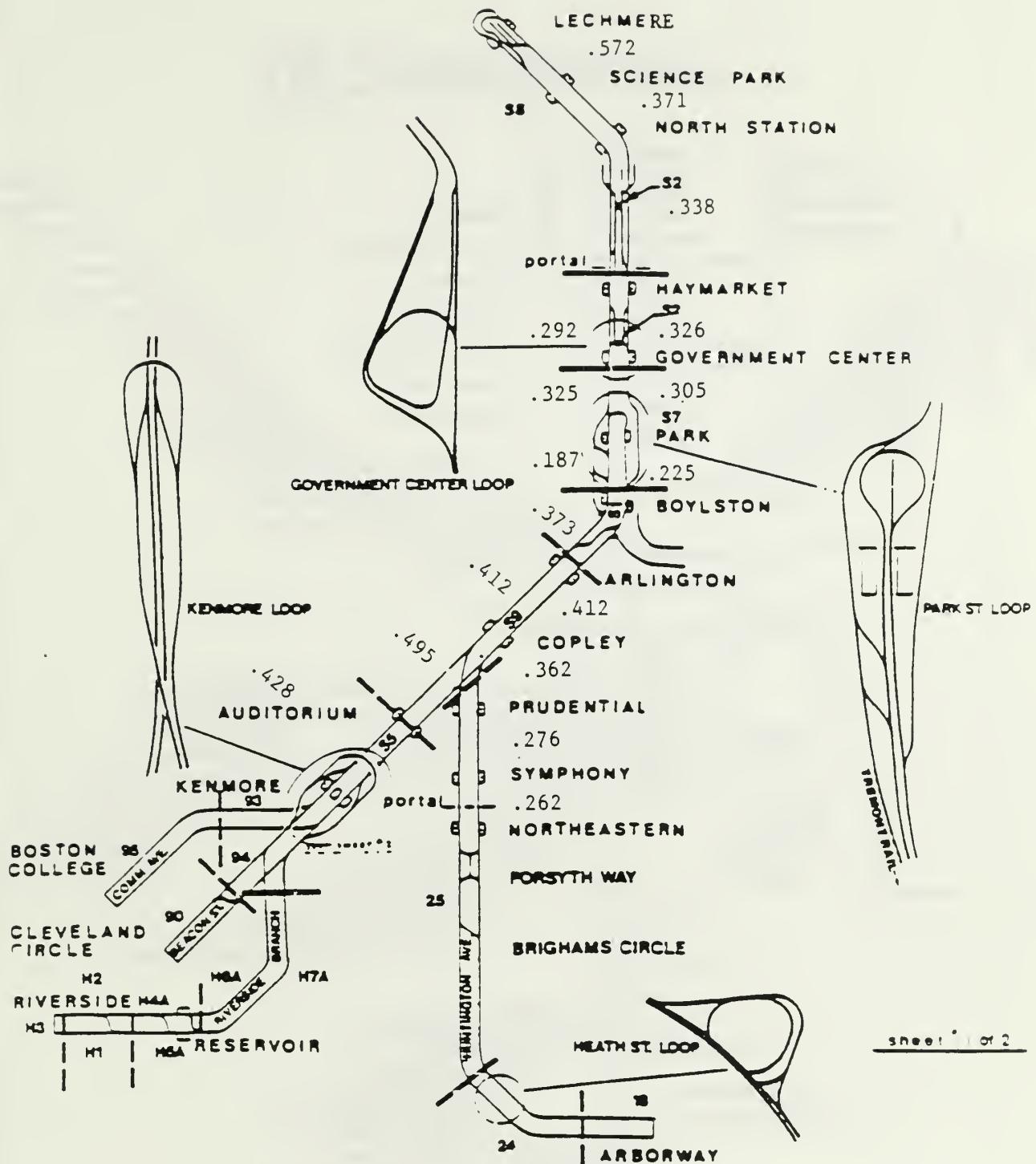




GREEN LINE  
TRACK SCHEMATIC



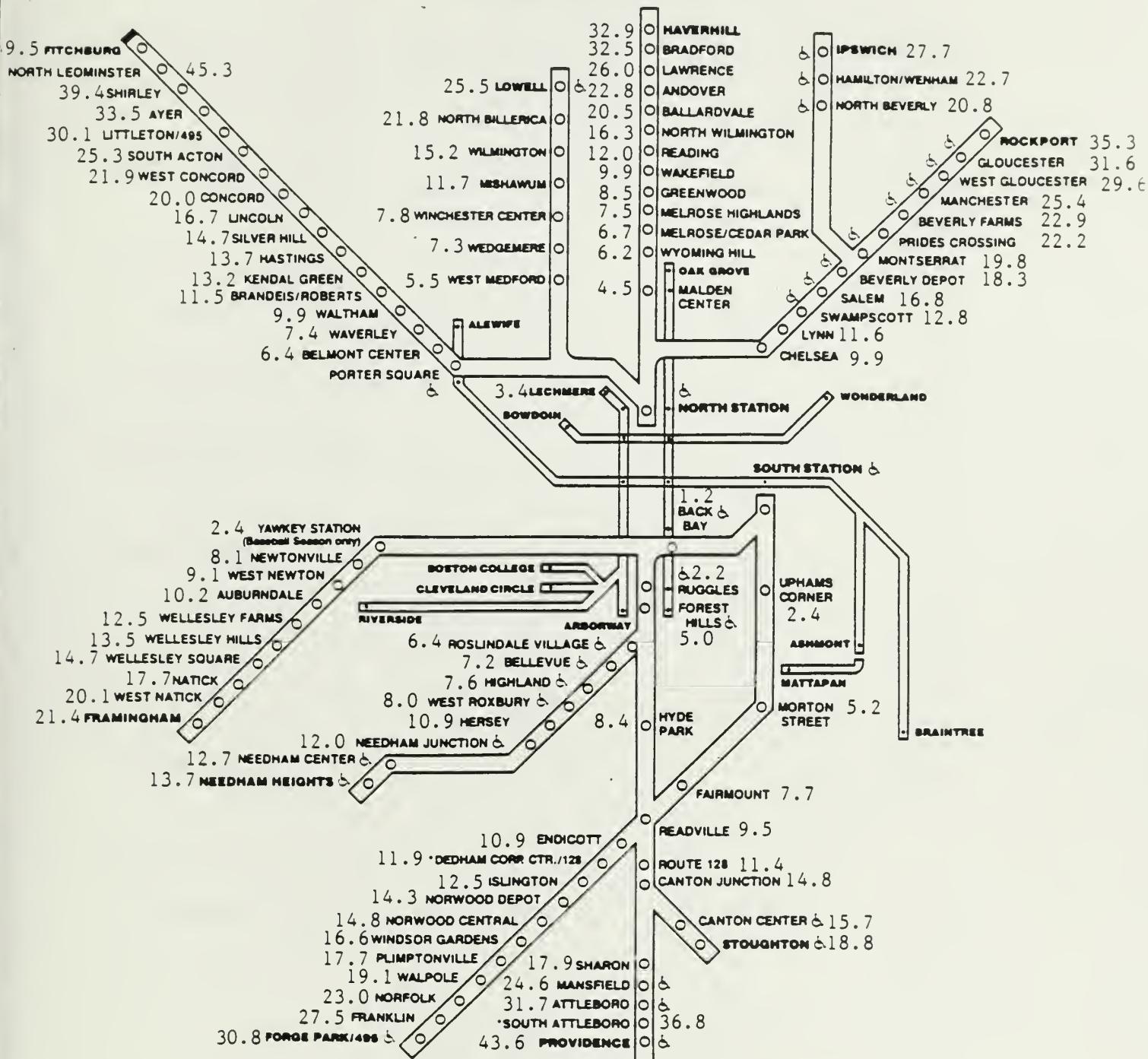








## COMMUTER RAIL





## MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

OPERATIONS DIRECTORATE  
NOVEMBER 1990

Make	Vehicle Number	Year	Quantity
<b>BUSES</b>			
General Motors - RTS	8400 - 8599	1985	200
	8600 - 8689	1986	90
	8700 - 8789	1986	90
Flexible	7672 - 7679	1972	3
A.M. General	9006 - 9042	1978	6
	9305 - 9337	1978	5
Flyer Industries	9400 - 9483	1981	83
	9100 - 9185	1982	85
General Motors - Canada	6400 - 6424	1979	25
	5200 - 5299	1980	100
	5700 - 5726	1980	27
General Motors	6503 - 6575	1966	34
	6685 - 6692	1966	5
	6025 - 6218	1966	56
	7500 - 7529	1970	28
	6301 - 6239	1970	25
TMC	8000 - 8029	1989	30
	8800 - 8969	1989	170
<b>TOTAL BUSES :</b>			<b>1062</b>
<b>=====</b>			
<b>LIGHT RAIL</b>			
Kinki Sharyo - Type 7	3600 - 3699	1986-87	100
Boeing - LRV	3400 - 3543	1976	125
P.C.C.	3004 - 3279	1944-51	39
	3287 - 3325	1944-51	24
	3334 - 3341	1944-51	3
	3345 - 3346	1944-51	2
<b>TOTAL LIGHT RAIL:</b>			<b>293</b>
<b>=====</b>			



HEAVY RAIL/RAPID TRANSIT

Red Line

Pullman Standard	1400 - 1491	1963	86
	1500 - 1523	1970	24
	1600 - 1651	1969-70	52
U.T.D.C.	1700 - 1757	1988	58

Orange Line

Hawker Siddeley	1200 - 1313	1979-80	120
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Blue Line

Hawker Siddeley	600 - 669	1979-80	70
TOTAL HEAVY RAIL:			410
			=====

TRACKLESS TROLLEY

Flyer Industries	4000 - 4049	1976	50
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TELECAST OTHER THAN TVAER

TELECAST

001 0001 1001 + 0001  
002 0001 0001 + 0001  
003 0001 0001 + 0001

004 0001 0001 + 0001 12.00.1.0

005 0001 0001 + 0001 0001.0000  
006 0001 0001 + 0001 0001.0000

007 0001 0001 + 0001 0001.0000  
008 0001 0001 + 0001 0001.0000

009 0001 0001 + 0001 0001.0000

100 0001 0001 + 0001 0001.0000

101 0001 0001 + 0001 0001.0000

102 0001 0001 + 0001 0001.0000

103 0001 0001 + 0001 0001.0000

104 0001 0001 + 0001 0001.0000

105 0001 0001 + 0001 0001.0000

106 0001 0001 + 0001 0001.0000

107 0001 0001 + 0001 0001.0000

108 0001 0001 + 0001 0001.0000

109 0001 0001 + 0001 0001.0000

110 0001 0001 + 0001 0001.0000

111 0001 0001 + 0001 0001.0000

112 0001 0001 + 0001 0001.0000

113 0001 0001 + 0001 0001.0000

114 0001 0001 + 0001 0001.0000

115 0001 0001 + 0001 0001.0000

116 0001 0001 + 0001 0001.0000

117 0001 0001 + 0001 0001.0000

118 0001 0001 + 0001 0001.0000

119 0001 0001 + 0001 0001.0000

120 0001 0001 + 0001 0001.0000

121 0001 0001 + 0001 0001.0000

ORANGE LINESTATIONENTRANCESEQUIPMENT LOCATION

STATION	ENTRANCES	TURNSTILES	EQPT. CLASS.	EQUIPMENT LOCATION
Oak Grove	1	6	2 Elevators	Parking lot entrance, SB pltfrm.
Oak Grove			4 Escalators	Wash. St., SB pltfrm., busway, NB pltfrm.
Malden Center	1	5	1 Escalator	Lobby
Wellington	1	5	2 Escalators	SB pltfrm., NB pltfrm.
Sullivan Square	1	5	2 Escalators	SB pltfrm., NB pltfrm.
Community College	1	4	2 Escalators	SB pltfrm., NB pltfrm.
North Station	1	12	3 Escalators	SB pltfrm., NB pltfrm., concourse
State Street	2	10	2 Elevators	SB pltfrm., NB pltfrm.
State Street			5 Escalators	NB pltfrm. to lobby, NB pltfrm. to Blue Line NB, Blue Line NB to lobby, NB pltfrm. to City Hall, SB lobby to Milk/Wash. Sts.
Downtown Crossing	2	16	2 Escalators	NB pltfrm., SB pltfrm.
Chinatown	2	6	1 Escalator	OB pltfrm.
N.E. Medical Center	2	8	3 Elevators	Stair 2 to lobby, lobby to IB pltfrm., lobby to OB pltfrm.
N.E. Medical Center			5 Escalators	Stair 1 to lobby, mezz. to IB pltfrm.(N), mezz. to OB pltfrm., street to IB pltfrm.(S.End), street to OB pltfrm.(S.End)
Back Bay	2	15	4 Elevators	Lobby to RTL pltfrm., lobby to RR Track 2, lobby to RR Track 1&3, lobby to RR Track 4&5
Back Bay			5 Escalators	Lobby to RTL pltfrm. (2), lobby to RR Track 1&3 (2), lobby to RR Track 2



ORANGE LINE (cont'd.)

STATION	ENTRANCES	TURNSTILES	EQPT. CLASS.	EQUIPMENT LOCATION
Mass. Ave.	1	6	1 Elevator	Lobby 2
Mass. Ave.			1 Escalator	Lobby 1
Ruggles	1	7	4 Elevators	Busway, RR pltfrm., Orange Line pltfrm., N.E.Univ. busway
Ruggles			4 Escalators	Busway, SB pltfrm., NB pltfrm., N.E.Univ.
Roxbury Crossing	1	6	1 Elevator	Lobby 2
Roxbury Crossing			1 Escalator	Lobby 1
Jackson Square	1	6	1 Elevator	Lobby 2
Jackson Square			1 Escalator	Lobby 1
Stony Brook	1	3	1 Elevator	Lobby 2
Stony Brook			1 Escalator	Lobby 1
Green Street	1	4	1 Elevator	Pltfrm.
Green Street			1 Escalator	Pltfrm.
Forest Hills	1	8	3 Elevators	RR pltfrm., RTL pltfrm., busway 3
Forest Hills			4 Escalators	Busway(N.end), busway(S.end), lobby 1, lobby 2



RED LINE

RED LINE	STATION	ENTRANCES			TURNSTILES	EQPT. CLASS.	EQUIPMENT LOCATION
		7	11	11			
Alewife		2	13	3	3 Elevators	N. end pltfrm., concourse (2)	
Alewife				9	Escalators	S.end pltfrm. to Russell Fld. (2), N.end pltfrm. to concourse (2), concourse bus berths 7-12, concourse to garage level 2, garage levels 2-3, 2-4, 2-5	
Davis Square	1	7	2	2	Elevators	Pltfrm. to col. booth, col. booth to College Ave.	
Davis Square				8	Escalators	Landing to College Ave. (2), col. booth to landing(2), pltfrm. to mid-level (2), col. booth to Holland St.(2)	
Porter Square	1	7	3	3	Elevators	Lobby to Mass. Ave., lobby to RR pltfrm., lobby to RTL pltfrm.	
Porter Square				7	Escalators	Lobby to Mass. Ave. (2), NB pltfrm.(S.end), NB pltfrm. (N.end), mezz. to lobby (3)	
Harvard Square	2	16	1	1	Elevator	Mezz. to Square	
7-12 Harvard Square				5	Escalators	Level 2 to street(2), lobby to level 2 (2), OB pltfrm. to lobby (Church St.)	
Central	2	11	2	2	Elevators	OB pltfrm., IB pltfrm.	
Central				2	Escalators	OB pltfrm., IB pltfrm.	
Kendall	2	11	2	2	Elevators	IB pltfrm., OB pltfrm.	
Kendall				2	Escalators	IB pltfrm., OB pltfrm.	
Charles	1	5					
Park Street	1	2	2	2	Elevators	Lobby to Tremont St., lobby to Red Line pltfrm.	
Park Street				1	Escalator	Red Line NB to Tremont St.	
Downtown Crossing	1	3	2	2	Elevators	Across from turnstiles	



RED LINE (cont'd.)

STATION	ENTRANCES	TURNSTILES	EQPT. CLASS.	EQUIPMENT LOCATION
South Station	1	8	3 Elevators	NB pltfrm., SB pltfrm., concourse to So. Station lower
South Station			8 Escalators	NB pltfrm. to concourse, NB pltfrm. to concourse balcony, concourse balcony to Fin. Dist., upper lobby to 1 Fin. Ctr., SB pltfrm., concourse to upper lobby (2), SB pltfrm. to So. Station lower
Broadway	1	5	2 Elevators	Pltfrm., lobby
Broadway			2 Escalators	Pltfrm., lobby
Andrew	1	3	2 Escalators	SB pltfrm.(2)
JFK/U Mass	1	5	2 Elevators	Quincy pltfrm., Ashmont pltfrm.
JFK/U Mass			1 Escalator	Ashmont pltfrm. to Columbia Rd.
Savin Hill	1	3		
Fields Corner	1	5		
Shawmut	1	2		
As hmont	1	8	1 Escalator	SB pltfrm. to overhead walkway
North Quincy	2	6	5 Escalators	Newport Ave. to S. lobby, S. end pltfrm., N. end pltfrm., Hancock St., Newport Ave. to N. lobby
Wollaston	1	4	1 Escalator	Lobby
Quincy Center	1	4	2 Elevators	Lobby (2)
Quincy Center			1 Escalator	Pltfrm.
Quincy Adams	1	12	3 Elevators	Lobby (3)
Quincy Adams			5 Escalators	Lobby to pltfrm. (2), lobby to garage (flr.2), garage (flrs.2-4, 4-6)
Braintree	1	14	1 Elevator	Lobby
Braintree			3 Escalators	Busway to overhead walkway/garage, lobby to pltfrm.(2)



GREEN LINE

<u>STATION</u>	<u>ENTRANCES</u>	<u>TURNSTILES</u>	<u>EQPT. CLASS.</u>	<u>EQUIPMENT LOCATION</u>
Lechmere	1	4		
Science Park	0	0		
North Station	*	*		
Haymarket	1	9	1 Escalator	Lobby
Government Center	1	8	2 Escalators	NB pltfrm. to street (2)
Park Street	1	7	1 Escalator	SB pltfrm. to street
Boylston	2	6		
Arlington	2	5	2 Escalators	OB pltfrm., IB pltfrm.
Copley	2	9	1 Escalator	OB pltfrm.
7-14 Hynes/Convention Ctr./ICA	1	7	1 Escalator	OB pltfrm.
Kenmore	1	3	3 Escalators	IB pltfrm., OB pltfrm., mezz. to busway
Prudential	1	3	2 Escalators	SB pltfrm., lobby
Symphony	1	3		

\* Single fare collection area, serving both Green and Orange Lines, is listed under Orange Line.



BLUE LINE

STATION	ENTRANCES	TURNSTILES	EQPT. CLASS.	EQUIPMENT LOCATION
Government Center	**	**	1 Escalator	Blue Line to Green Line westbound
Bowdoin	1	4	1 Escalator	Lobby
Aquarium	1	5	4 Escalators	Mid-level to street (4)
Maverick	1	3	1 Escalator	Pltfrm.
Airport	1	3	1 Escalator	Pltfrm.
Wood Island	1	2		
Orient Heights	1	4		
Suffolk Downs	1	3		
Beachmont	1	2		
Revere Beach	1	2		
Wonderland	1	4		

\*\* Single fare collection area, serving both Green and Blue Lines, is listed under Green Line.

KEY TO ABBREVIATIONS

- ESC - Escalator
- ELV - Elevator
- RTL - Rapid Transit Line
- RR - Railroad Line (Amtrak, Commuter Rail)
- SB - Southbound
- NB - Northbound
- IB - Inbound
- OB - Outbound



Location and Address of M.B.T.A. Storage and Repair Facilities

1. Arborway Yard - 3570 Washington Street, Boston, Ma. 02130
2. Albany Street Garage - 421 Albany Street, Boston, Ma 02118
3. \*Alewife - Alewife Brook Parkway (Ro ute 16), Cambridge, Ma. 02135
4. \*Arlington Avenue Garage - 21 Arlington Avenue, Charleston, Ma. 02135
5. Bartlett Street Garage - 2565 Washington Street, Boston, Ma. 02119
6. Boston College - Commonwealth Avenue, Boston, Ma. 02135
7. Bowdoin Station - Boston, Ma.
8. \*Cabot Center Garage - 275 Dorchester, Boston, Ma. 02171
9. Cadigan Yard - Ivory Street, Braintree, Ma. 02185
10. Codman Yard - Gallivan Boulevard, Boston, Ma. 02124
11. \*Charlestown Garage - 21 Arlington Avenue, Boston, Ma. 02129
12. Fellsway Garage - 447 Salem Street, Medford, Ma. 02155
13. Forest Hills Station - Washington Street, Boston, Ma. 02130
14. Lechmere Station - East Cambridge Street, Cambridge, Ma. 02140
15. Lynn Garage - 985 Western Avenue, Lynn, Ma. 01905
16. Mattapan Yard - 516 River Street, Mattapan, Ma. 02126
17. \*North Cambridge - 2375 Massachusetts Avenue, Cambridge, Ma. 02140
18. Orient Heights - 21 Barnes Avenue, East Boston, Ma. 02128
19. Quincy Garage - 954 Hancock Street, Quincy, Ma. 02169
20. \*Reservoir Carhouse - 600 Chestnut Hill Avenue, Brookline, Ma. 02146
21. \*Riverside Carhouse - 339 Grove Street, Newton, Ma. 02166
22. Watertown Carhouse - 24 Galen Street, Watertown, Ma. 02172
23. \*Wellington Carhouse - 37 Revere Beach Parkway, Medford, Ma. 02155
24. \*Everett Shops - 80 Broadway, Everett, Ma. 02149

\*Alternate power source





